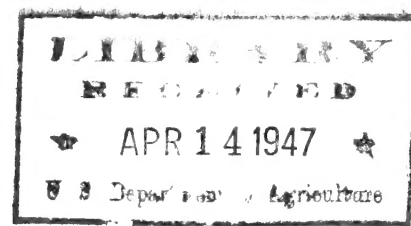


## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



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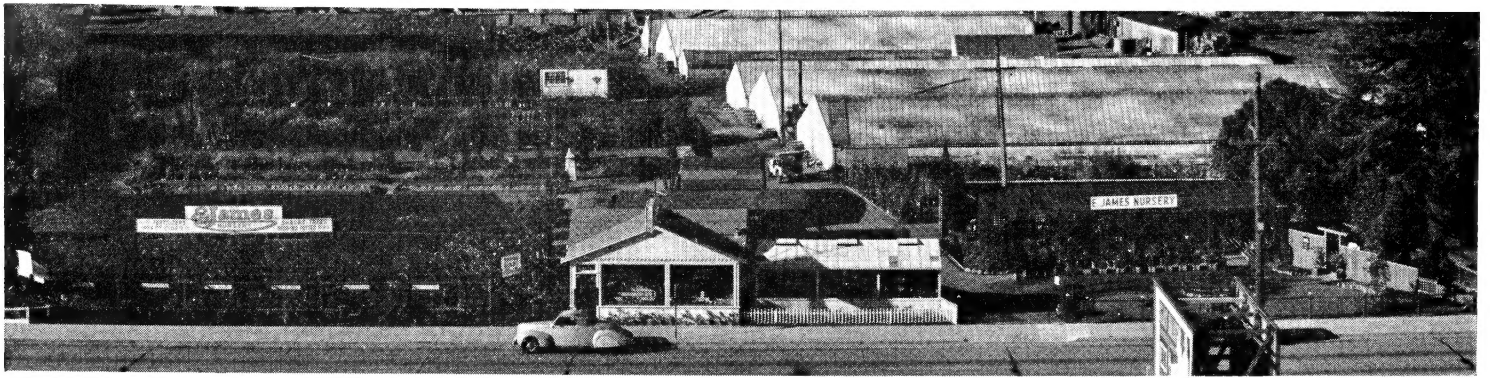


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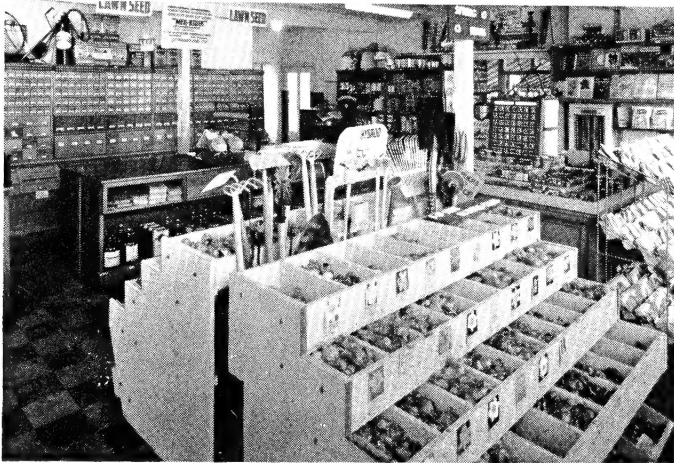


# Garden Book

**E. James Nursery**  
8715 MacARTHUR BLVD.  
OAKLAND 3, CALIFORNIA



The picture above shows the compact arrangement of our greenhouses, lathouses and Garden Store. Our complete facilities for growing a wide range of plant material together with efficient arrangement of our display and sales area has won us many favorable comments from our friends and customers.



Our Garden Store provides a complete selection of seeds, bulbs, garden tools, sprays and fertilizers, and all of the accessories increasing the enjoyment of gardening.



An inviting corner of our Sales Lathouse. Plants are arranged to permit easy selection of just the right plant for the garden spot you have in mind.

## NOTHING BUT THE BEST SINCE 1905

To our many customers and garden loving friends: We take pleasure in presenting another issue of our ornamental catalog for 1947 with suggestions for your new garden, or to improve the planting of the one that you are already enjoying. In presenting this catalog we extend our sincere appreciation for the response received to our previous issues. Your many personal visits and hundreds of mail orders have assured us that our efforts to give the best in quality merchandise and service have been rewarded. You can be assured we will continue these efforts throughout 1947. We thank you.

PRICES FOR ALL MATERIAL IN THIS CATALOG ARE SUBJECT TO CHANGE WITHOUT NOTICE



## THE E. JAMES NURSERY

8715 MacArthur Blvd.

OAKLAND 3, CALIFORNIA

Phone: SWeetwood 4420

OPEN SUNDAYS—CLOSED WEDNESDAYS

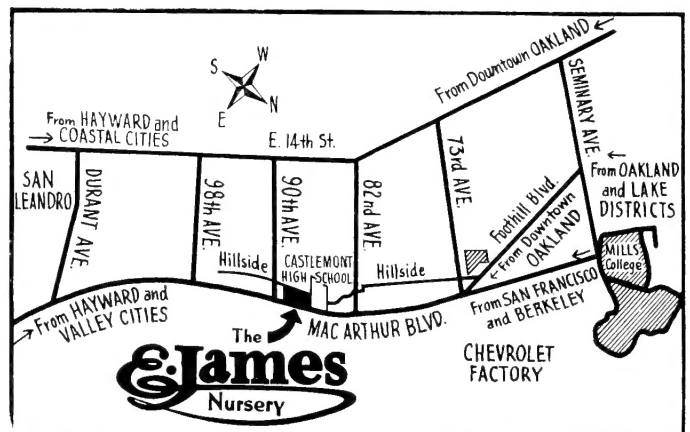
## MAIL ORDERS

**MAIL ORDERS** will be given our careful attention and we invite our out-of-town customers to give us the opportunity to render this service; a specialty of ours for many years.

**COMPLETE INSTRUCTIONS** for mail orders and shipping information will be found in the order blank enclosed with this catalog. Please read before ordering; it will help us do a better job with your order.

**OTHER PUBLICATIONS** mailed to our regular customers or available free of charge on request: Spring Planting Folder (May 1st), Bulb Book (Aug. 15th), Rose and Fruit Tree Book (Dec. 1st).

**WARRANTY.** While we exercise the greatest care to have all our trees, seeds and plants true and reliable, we do not give warranty, express or implied, and in case of error on our part it is mutually agreed between the purchaser and ourselves that we shall not, at any time, be held responsible for a greater amount than the original purchase price.





# BROADLEAVED EVERGREEN SHRUBS . . .

## ABELIA

**Abelia Edward Goucher.** A recent introduction combining the best features of *A. grandiflora* and *A. schumannii*. Gracefully arching branches with bronzy-green foliage and heavily laden with pink bell-shaped flowers in spring and summer. Sun or light shade; medium height. 1-gallon containers \$1.00; 5-gallon containers \$3.50.

**A. grandiflora.** The best-known Abelia, widely planted for foundation and shrubbery border. Bronzy green foliage on arching branches; bell-shaped white flowers in spring and summer. Sun or shade; medium height. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

**A. Schumannii.** Best for the shrubbery border; more open in growth and fewer but stronger branches carrying small green leaves covered with pink flowers spring and summer. Loses most of foliage in coldest weather. Full sun; medium height. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

## ABUTILON, Flowering Maple

**Abutilon.** Tall, spreading shrubs for light to deep shade, with large, maple-leaf-like foliage. Large, lantern-shaped flowers almost the year around. Choice of plants with pink, yellow, orange or red flowers. Rapid growers. 1-gallon containers \$1.00; 5-gallon containers \$3.50.

## ARALIA (Fatsia)

**Aralia sieboldi.** Excellent for tropical effects in shade. Bold, glossy-green leaves on upright stems. Good for tubs or open ground. Tall. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

**A. papyrifera.** Similar to above except that foliage is dull green; back of leaves covered with buff pubescence. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

## ARBUTUS, Strawberry Tree

**Arbutus unedo.** Very desirable rapid-grower of massive habit when unrestricted. Dark green foliage resembles California native Toyon, but Arbutus more heavily clothed. Clusters of strawberry-like red fruits appear in fall with clusters of small, white, bell-shaped flowers. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

## AUCUBA

**Aucuba japonica.** Splendid for tropical effects in shade. Lush-green foliage on low to medium height plants, with attractive red berries on plants producing female flowers. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

**A. japonica variegata** (Gold Dust Plant). Foliage heavily flecked with gold. Useful and popular for highlighting dark foliage backgrounds in shade. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

## AZARA

**Azara microphylla.** Tall, graceful shrub for light to deep shade. Tiny, glossy foliage on fan-shaped branches creates delightful silhouette effect. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

## BERBERIS, Barberry

**Berberis corallina compacta** (Coral Barberry). Dwarf, compact little shrub for rockery or tight spots in full sun. Tiny foliage deep glossy green; flowers bright yellow, berries coral-red. 1-gallon containers \$1.25.

**B. darwini** (Darwin's Barberry). Spectacular in late spring when covered with deep yellow flowers and even more showy in fall with scarlet-tipped foliage and purplish fruits. Medium height in full sun. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

**B. wilsonae** (Wilson's Barberry). Roundish form to medium height. Very small foliage becomes ablaze with scarlet coloring and bright red berries in fall. Full sun. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

## BRUNFELSIA

**Brunfelsia floribunda.** Medium green foliage and compact habit to medium height. In late spring numerous purplish-blue flowers appear, very fragrant, gradually becoming light blue and then white. Best in light shade but will stand full morning sun. 5-gallon containers \$3.75; 1-gallon containers \$1.25.

## BUXUS, Boxwood

**Buxus japonica** (Japanese Box). Grows more rapidly than English and dwarf box. Foliage medium to light green and rounded. 1-gallon containers \$1.00 each, 10 for \$9.00. Flats, \$8.00 per 100 plants.

**B. sempervirens** (English Box). Oval, dark green foliage densely covers compact plants. Easily sheared to cones or globes; makes good formal border two feet or more in height. 5-gallon containers \$3.50; 1-gallon containers \$1.00 each, 10 for \$9.00. Flats, \$10.00 per 100 plants.

**B. suffruticosa** (Dwarf Box). Rounded, dark green foliage on very compact plants. Makes handsome sheared globes and good formal edging to two feet. B and B, 12-18" \$5.00; 1-gallon containers \$1.25. Flats, \$12.50 per 100 plants.

ABELIA EDWARD GOUCHER



# BROADLEAVED EVERGREENS

## BOUVARDIA

**Bouvardia Albatross.** Long tubular white flowers are fragrant and make excellent corsages. Plant is medium to tall with good medium green foliage. 1-gallon containers \$1.25.

**B. Coral Red.** Flowers smaller than Albatross but very fragrant and colorful. Plant both varieties in full sun and cut back severely after periods of greatest bloom. 1-gallon containers \$1.25.

## CALLISTEMON, Bottlebrush

(See other Bottlebrush on page 8)

**Callistemon rigidus.** Medium to tall shrub for full sun in dry locations, with gracefully arching branches and bright scarlet flowers in late spring. Flowers in whorls around stems—hence bottlebrush. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

## CEANOTHUS, Wild Lilac

**Ceanothus arboreus.** Tall shrub or small tree with glossy green foliage. One of the earliest to bloom; sky-blue flowers. 1-gallon containers \$1.00.

**C. cyaneus.** Tall shrub with bright green foliage and brilliant dark blue flowers. 1-gallon containers \$1.00.

**C. gloriosus.** Spreading shrub with dark green foliage; dark blue fragrant flowers in late season. 1 gallon containers \$1.00.

**C. thyrsiflorus griseus.** Large, compact plant with light green foliage and medium blue flowers in mid-season. 1-gallon containers \$1.00.

Ceanothus should be planted in well-drained soil; do not require irrigation after becoming established. Cut back heavily following blooming season.

## CESTRUM

**Cestrum parqui** (Night-scented Jasmine). Tall shrub with arching branches and large, dark green foliage. September flowers are greenish-yellow, tubular, in clusters, and are intensely fragrant after sundown. Plant in shade, under house-eaves or tree for frost-protection. 1-gallon containers \$1.00; 5-gallon containers \$3.00.

## CHOISYA, Mexican Orange

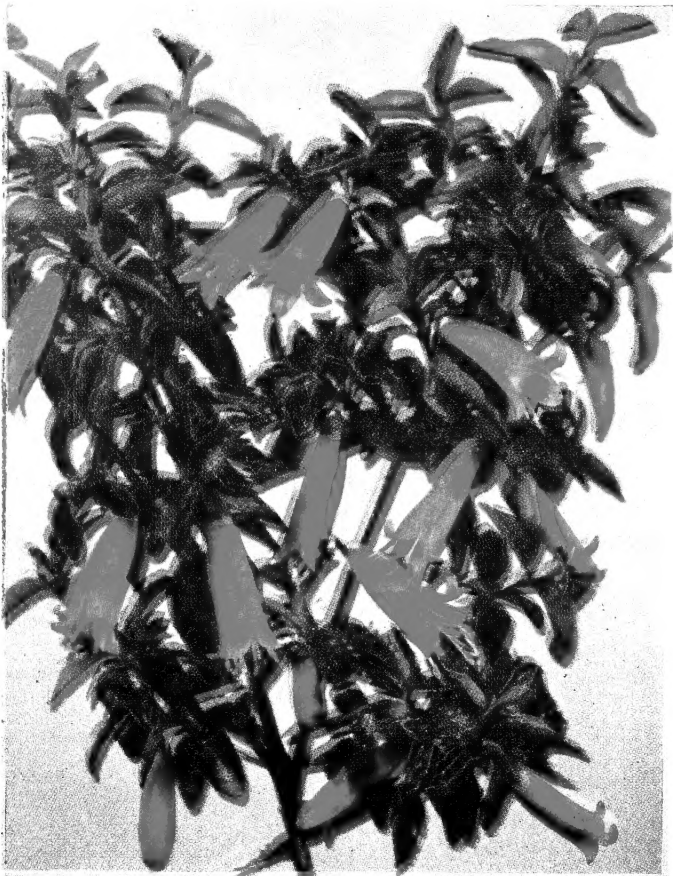
**Choisya ternata.** A useful and very desirable medium height shrub for sun or shade. Aromatic bright green clover-shaped foliage and many white flowers all summer. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

## CHORIZEMA, Flame Pea

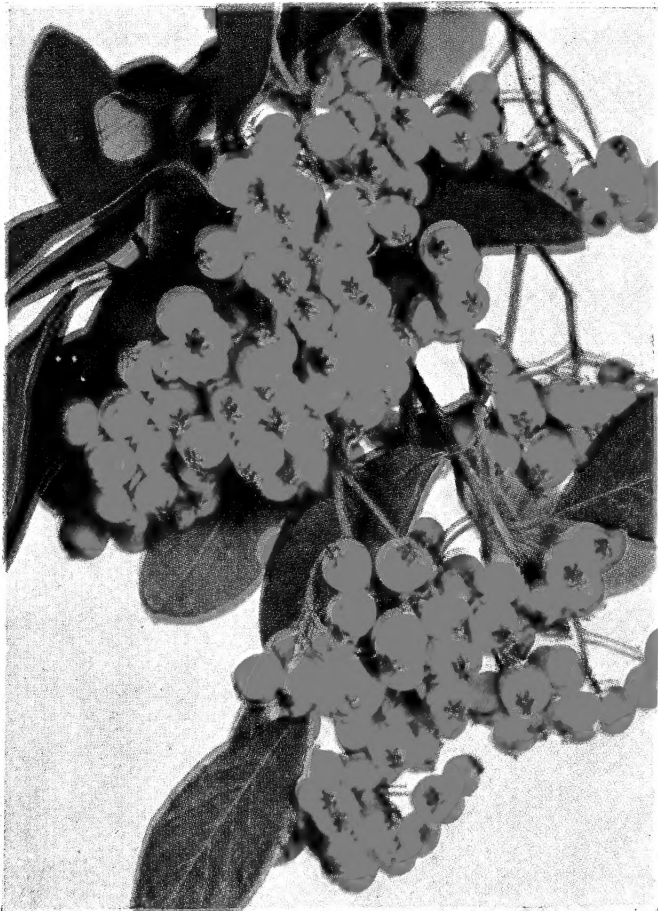
**Chorizema varium.** Makes a low, compact shrub with drooping branches; covered with orange-red pea-shaped flowers in spring. Good in partial shade. 1-gallon containers \$1.00.

### FOR WINDY AND SHORESIDE LOCATIONS

<b>Plant these:</b>	Griselinia	Myoporum
Cistus	Lagunaria	Pittosporum
Coprosma	Lantana	crassifolium
Cytisus	Leptospermum	Pyracantha
Euonymus	Melaleuca	Veronica



CORREA HARRISI



COTONEASTER PARNEYI

# BROADLEAVED EVERGREENS

## CISTUS, Rock Rose

**Cistus corbariensis.** One of the most satisfactory shrubs for a hot, dry bank. Habit is spreading and drooping, but restricted in area. Gray-green foliage; white flowers with crepey petals have golden-yellow centers and appear in abundance in late spring and summer. 1-gallon containers \$1.00.

**C. Doris Hibberson.** A much-improved form of the delightful Silver Pink variety, since it is much sturdier and its more numerous branches carry more flowers. Flowers silvery-pink and abundant in late spring. 1-gallon containers \$1.50.

**C. ladaniferus maculatus.** Low, spreading, and enjoys full sun. The 3-inch flowers have white petals with a crimson spot at the base. 1-gallon containers \$1.00.

**C. purpureus.** Habit both upright and spreading. Beautiful in late spring with rosy-pink flowers, each petal accented with a maroon spot at the base. 1-gallon containers \$1.25.

## COPROSMA, Mirror Plant

**Coprosma baucii.** Derives its name from the thick, round, glossy foliage. Useful for medium to tall foundation planting in shade or partial sunlight. Easily trimmed to any shape or size. 5-gallon containers \$2.75; 1-gallon containers 85c.

## CORREA, Australian Fuchsia

**Correa harrisi.** Recent introduction, becoming popular as a low shrub for shade or partial sunlight. Scarlet tubular flowers from November to March—greatest bloom in January, when garden color is useful. Balled and burlapped 18-24" \$3.75; 1-gallon containers \$1.50.

**C. pulchella.** Low spreading shrub with attractive foliage and numerous tubular pink flowers mid-winter and early spring. Recommended for shade or partial sunlight. 1-gallon containers \$1.00.

## COTONEASTERS

### Tall and Spreading Varieties

**Cotoneaster francheti.** Clusters of orange berries in fall on gracefully arching branches. Foliage light green on top, silvery beneath. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

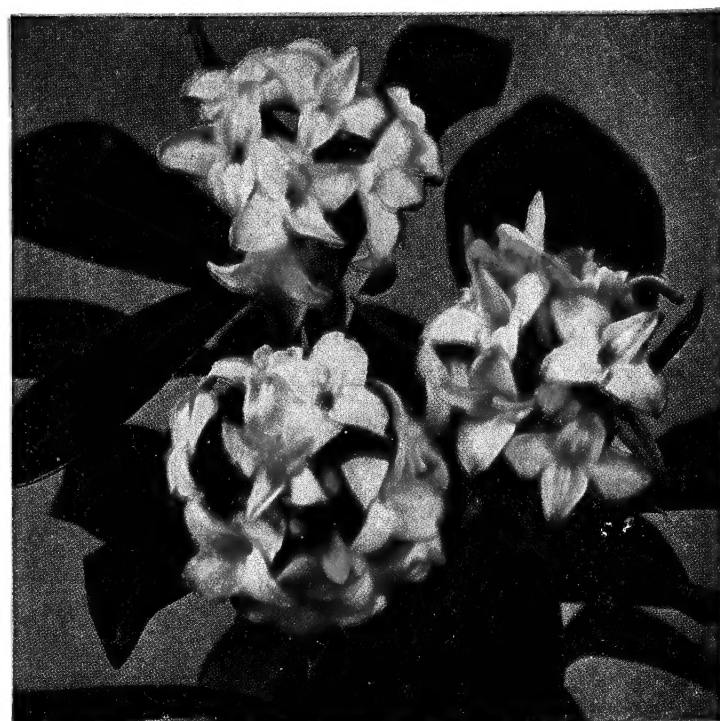
**C. pannosa.** Called the Silverleaf cotoneaster because of the silvery-margined foliage. Tall, arching, robust branches are covered with clusters of red berries in fall. 5-gallon containers, \$3.00; 1-gallon containers \$1.00.

**C. parneyi.** Prized for its large clusters of exceptionally large dark red berries. Deep green foliage background shows off berries to perfection. 5-gallon containers \$3.00, 1-gallon containers \$1.00.

### TO THRIVE IN HOT, DRY CONDITIONS

#### Plant these:

Arbutus	Cytisus	Photinia
Berberis	Fremontia	(Toyon)
Callistemon	Lantana	Rhus
Ceanothus	Leptospermum	Rosemary
Cistus	Myrsine	Xylosma
	Nerium	



DAPHNE PINK

### Ground-cover Varieties

**Cotoneaster horizontalis.** Spreads almost flat on the ground, with glossy, tiny leaves. Branchlets covered with bright red berries in fall, more conspicuous in winter when foliage falls. 5-gallon containers \$3.00; 1-gallon containers \$1.00, 10 for \$9.00.

**C. microphylla.** Low evergreen shrub with dense branchlets clothed with tiny green leaves. Large, rosy-red berries in fall and winter. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

## CYTISUS, Broom

**Cytisus racemosus.** Robust, free-flowering shrub covered with fragrant butter-yellow flowers in spring backed by good dark green foliage. Thrives in dry locations; should be cut back severely after flowering season. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

## DAPHNE

**Daphne odora marginata** (Pink Daphne). A superior shrub for shade or partial sun, medium height, and compact growth. Densely clothed with dark green leaves with creamy margins the year around; beautiful and deliciously fragrant in mid-winter with purplish-pink blooms. Plant in well-drained soil with base of trunk exactly at ground level. Balled and burlapped 24-30" \$6.50, 18-24" \$5.00, 15-18" \$4.00, 12-15" \$3.50; 1-gallon containers \$1.50.

## DIOSMA, Breath-of-Heaven

**Diosma pulchrum** (Pink Diosma). Compact shrub to medium height with heather-like foliage and masses of star-like pink flowers in spring and summer. Full sun or light shade. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

**D. reevesii.** Compactly spreading shrub of low to medium height with heather-like foliage and tiny star-shaped white flowers. Plant for contrasting effect with heavy-foliaged plants or for a low hedge. 5-gallon containers \$3.00; 1-gallon containers \$1.00.



HIBISCUS

## DURANTA, Brazilian Skyflower

**Duranta stenostachys.** Compact shrub to medium height becomes a cloud of sky-blue flowers in summer. Handsome medium green foliage attractive the year around. 5-gallon containers \$3.50; 1-gallon containers \$1.25.

## EMBOTHRIUM, Chilean Firetree

**Embothrium coccineum.** A recent introduction and a brilliant sight in spring with its many orange-scarlet flowers on drooping branches. A tall shrub or tree to 25 feet. Likes partial shade and acid soil. 1-gallon containers \$3.00.

## ERICA, Heather

**Erica melanthera rosea.** This is the black-eyed heather with rich pink flowers in winter on long, arching branches. Plant in sun or shade, acid soil preferred. Do not cultivate around plants; cut off two-thirds of blooming branch after flowering season. 1-gallon containers \$1.00.

**E. melanthera rubra.** Similar to above but not such a strong grower. Flowers are very deep pink, almost red. 1-gallon containers, \$1.00.

**E. blanda.** Very low, compact shrub with clusters of tubular red flowers the year around. Very satisfactory in light shade and acid soil. 1-gallon containers \$1.25.

**E. Felix Faure.** Similar in size and habit to E. blanda. Tubular flowers are coral-red. 1-gallon containers \$1.25.

## ESCALLONIA

**Escallonia berteriana.** Tall, robust shrub well clothed throughout the year with bright green shiny foliage. A beautiful sight in summer with its terminal spikes of pure white flowers. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

# BROADLEAVED EVERGREENS

**E. organensis.** Robust in habit, handsome in foliage and beautiful in summer with terminal pink flower spikes. An excellent tall shrub for backgrounds and screening effects. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

**E. rubra.** Compact shrub to medium height. Very dark green glossy foliage forms an excellent foil for the numerous short spikes of deep red flowers in spring and summer. An excellent shrub for shade or partial sunlight. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

## EUGENIA

**Eugenia myrtifolia.** Attractive the year around and one of our most useful ornamental shrubs. Makes a beautiful accent specimen with light trimming and an excellent screening or hedge subject for heights ranging from six to twelve feet. New foliage bronzy, flowers creamy-white, berries lavender-purple. 5-gallon containers \$4.50; 1-gallon containers \$1.00, 10 for \$9.00.

## EUONYMUS

**Euonymus japonicus aureo-marginatus.** Good slow growing, compact variegated shrub for foundation planting, especially showy against dark background. Rounded, glossy foliage margined golden yellow. Balled and burlapped 2-3' \$3.50, 18-24" \$2.50; 1-gallon containers \$1.00.

**E. japonicus aureo-variegatus.** Similar to above except that foliage is splashed gold throughout, instead of margins only. 1-gallon containers \$1.00; 5-gallon containers \$3.00.

## FEIJOA, Pineapple Guava

**Feijoa sellowiana.** Robust bushy shrub with gray-green foliage. Numerous maroon and cream flowers in summer followed by oblong greenish fruits; impart a delicious pineapple flavor when ripe. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

## FREMONTIA, Flannel-bush

**Fremontia mexicana.** Very desirable California native of tall, robust habit for dry soil conditions and background for lower-growing native shrubs. Orange-yellow flowers in abundance in spring; attractive dark green foliage in all seasons. 1-gallon containers \$1.50.

## GARDENIA

**Gardenia Mystery.** Improved form of the delightfully fragrant and handsome shrub, with unusually large white flowers. Foliage dark green and glossy. Recommended for full sun. Use peat or leaf-mold when planting and mulch with same material for constant supply of moisture. Set crown of plant exactly at soil level. 5-gallon containers \$4.75; 1-gallon containers \$1.50.

## GRISELINA

**Griselina lucida.** Not well known but handsome and very useful for shoreside or windy locations. Foliage rounded, glossy and medium green; habit compact to medium height. Useful for hedges to four feet and as individual foundation plants. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

**G. lucida variegata.** Similar to above in foliage and habit except that margins of leaves are feathered gold. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

## HIBISCUS

Prices (unless otherwise noted): 5-gallon containers \$4.75; 1-gallon containers \$1.50.

**Agnes Gault.** This is the hardiest variety and the one with the huge, flaring single pink flowers.



# BROADLEAVED EVERGREENS

## KALMIA, Mountain Laurel

**Kalmia latifolia.** Ideal companion plant for azaleas and rhododendrons. Bushy shrub to medium height; glossy medium green foliage; clusters of dainty pink flowers set the plant aglow in late spring. Plant in shade in acid soil. Balled and Burlapped 15-18" \$4.50.

## LAGUNARIA

**Lagunaria patersoni** (Sugarplum Tree). Tall shrub or tree with gray-green foliage and waxy-pink flowers in summer. See pods resemble miniature sugarplums. Good for shoreside and windy locations. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

## LANTANA

California's most colorful shrub in all seasons. Tips of stems will freeze in winter but new shoots develop and bloom quickly in spring. Varieties with pink and lavender, or orange and red flowers are robust in habit. Dwarf yellow variety stays compact and low. Variety sellowiana grows flat on ground and has lavender-blue flowers. All available in 1-gallon containers at 85 cents each, 10 for \$8.00.

## LAURUS, Laurel

(See other Laurels on page 10)

**Laurus nobilis** (Grecian Laurel or Bay Tree). Tall shrub or tree prized for its effective use for accent planting. Light shearing will maintain pyramidal shape. Dark green aromatic foliage beautiful the year around. 5-gallon containers \$3.50, 1-gallon containers \$1.00.

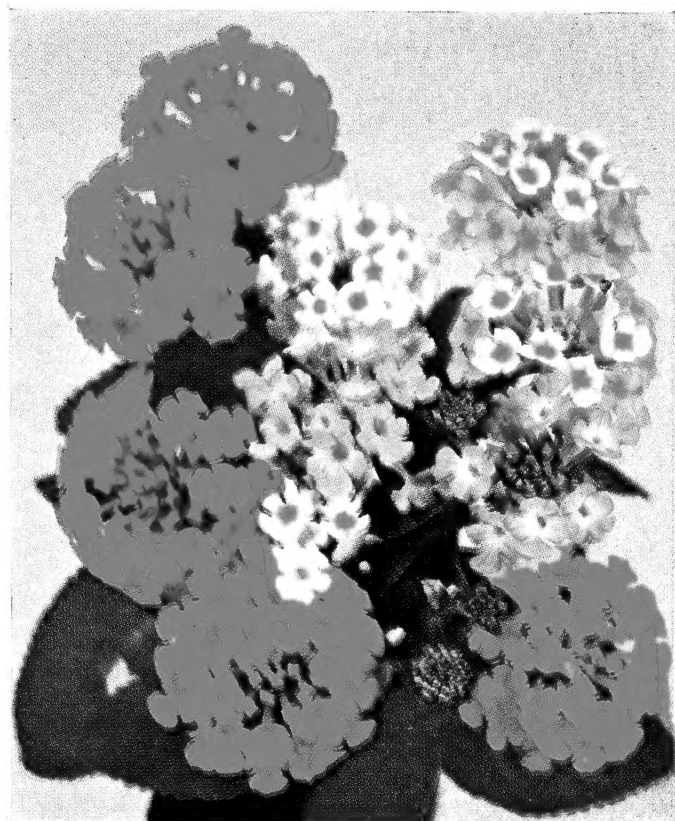
## LAVANDULA, Lavender

**Lavandula vera** (English Lavender). Compactly rounded habit with slender gray-green foliage. Flowers dark blue and very fragrant. 1-gallon containers \$1.00.

## LEPTOSPERMUM, Tea Tree

**Leptospermum laevigatum** (Australian Tea). Small, oval gray-green foliage and abundant small white flowers in spring. One of the most useful and desirable screening plants. Will grow and thrive under trying conditions. 5-gallon containers, \$3.00; 1-gallon containers \$1.00, 10 for \$9.00.

**L. reevesii.** Foliage similar to Australian Tea but habit of growth compact instead of spreading. 5-gallon containers \$3.00; 1-gallon containers \$1.00, 10 for \$9.00.



LANTANAS

**Brilliantc.** Vivid single-red flowers appear on sturdy plants throughout the growing season.

**Crown of Bohemia.** Enormous bronzy-orange flowers have many petals. The most striking and unusual variety. 5-gallon containers \$6.00; 1-gallon containers \$3.00.

**Double Scarlet.** Same shade as Brilliantc; double row of petals.

**Kona.** Fully double, large bright pink.

**Mrs. Wilder.** A single row of rosy-pink petals, each narrow in width, giving the flower a star-like appearance.

**White Wings.** Large white petals contrast with red style-column and throat.

## HYPERICUM, Goldflower

**Hypericum calycinum.** Excellent ground cover for shaded areas. Attractive elongated light green foliage and many golden-yellow flowers in spring and summer. Plants set about two feet apart fill in quickly. 1-gallon containers 85c each, 10 for \$8.00. Flats of 50 plants, \$5.00.

**H. moserianum.** Round, compact shrub to medium height; covered with golden-yellow flowers in late spring and early summer. Grows in sun or shade. Trim lightly following blooming season. 5-gallon containers \$3.00, 1-gallon containers \$1.00.

## ILEX, Holly

**Ilex aquifolium** (English Holly). Tall shrub or small tree with typical glossy green, spiny foliage and Christmasy red berries. Easily adapted to the situation in which planted by occasional shearing. Provide constant source of soil moisture by mulching with peat; plant in sun or shade; keep ants away and be alert for attacks by scale. Balled and Burlapped 3-4' \$12.50, 30-36" \$7.50, 24-30" \$6.50; 1-gallon containers \$1.25.

**I. Van Tol** (Dutch Holly). Similar to above except that foliage is without spines. 5-gallon containers \$7.50; 1-gallon containers \$2.00.

## EVERGREENS WITH SHOWY FLOWERS

Plant these:		
Abelia	Duranta	Mahonia
Abutilon	Erica	Melaleuca
Berberis	Escallonia	Nerium
Brunfelsia	Fremontia	Photinia
Callistemon	Hibiscus	Pleroma
Ceanothus	Hypericum	Pieris
Choisya	Kalmia	Polygala
Chorizema	Lantana	Raphiolepis
	Leptospermum	Veronica



## FOR FRAGRANT FLOWERS

### Plant these:

Bouvardia	Choisya	Lavender
Brunfelsia	Cytisus	Osmanthus
Ceanothus	Daphne	Sarcococca
Cestrum	Gardenia	Viburnum

**L. scoparium flore plena.** The most desirable Tea shrub from the standpoint of color. Small branchlets covered with rosy-pink, rosette-like flowers in spring and early summer, some blooms all through the year. Foliage tiny, light green; habit compact. Enjoys full sun. 5-gallon containers \$3.50; 1-gallon containers \$1.25.

## LIGUSTRUM, Privet

**Ligustrum coriaceum.** The variety with the darkest green, glossiest, roundest foliage and most natural compact habit. Useful for low hedges. 5-gallon containers \$4.50; 1-gallon containers \$1.25.

**L. lucidum** (Waxleaf Privet). Shiny, dark green foliage and compact habit make this an equally good shrub for low foundation planting or low hedges. 1-gallon containers \$1.00, 10 for \$9.00.

**L. japonicum** (Japanese Privet). Large oval dark green foliage and quick growth make this variety a very good shrub for screens six to twelve feet tall. Easily sheared to conform to desired size and shape. 5-gallon containers \$3.00; 1-gallon containers \$1.00, 10 for \$9.00.

**L. ovalifolium** (California Privet). The best-known hedge plant in California, and probably the most economical. Bare root plants are set out during the dormant season one foot apart, cut back to about one foot above ground to insure low branching. Grows quickly and may be sheared to maintain any height from four to ten feet. Bare root 3-4' \$15.00 per 100, 12 or \$2.00; 2-3' \$12.50 per 100, 12 for \$1.75.

**L. ovalifolium aurea-variegata.** This is the golden variegated form of the California Privet. Used for grouping in the foundation planting or to lighten the shrubbery border, occasionally as hedges. 5-gallon containers \$3.00; 1-gallon containers \$1.00, 10 for \$9.00.

## MAHONIA, Oregon Grape

**Mahonia aquifolium.** Holly-like foliage dark green in summer, bronzy red in winter. January flowers are brilliant golden yellow, followed by grape-like clusters of purple berries. Splendid tall shrub for shade, or may be pruned to medium height. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

## MELALEUCA, Bottlebrush

(See other Bottlebrush on page 4)

**Melaleuca nesophila** (Lavender Melaleuca). Very useful medium height shrub for windy or shoreside planting. Dense habit with bright green foliage and lavender flowers arranged in whorls around branchlets. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

## MYOPORUM

**Myoporum laetum.** Bushy tall shrub with thick leathery leaves, small pink flowers and lavender berries. You can tell at a glance this variety is desirable for shoreside planting in full sun or partial shade. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

## MYRSINE, African Box

**Myrsine africana.** Ideal for low hedges, trimmed or informal. Small foliage is dark glossy green. Plants will thrive under conditions difficult for other hedge subjects. 1-gallon containers \$1.00, 10 for \$9.00. Flats, 12 for \$2.50, 100 for \$15.00.

## MYRTUS, Myrtle

**Myrtus communis.** An adaptable and excellent low to medium height shrub for foundation planting in full sun. Small pointed leaves, spidery cream flowers and purple berries; aromatic foliage. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

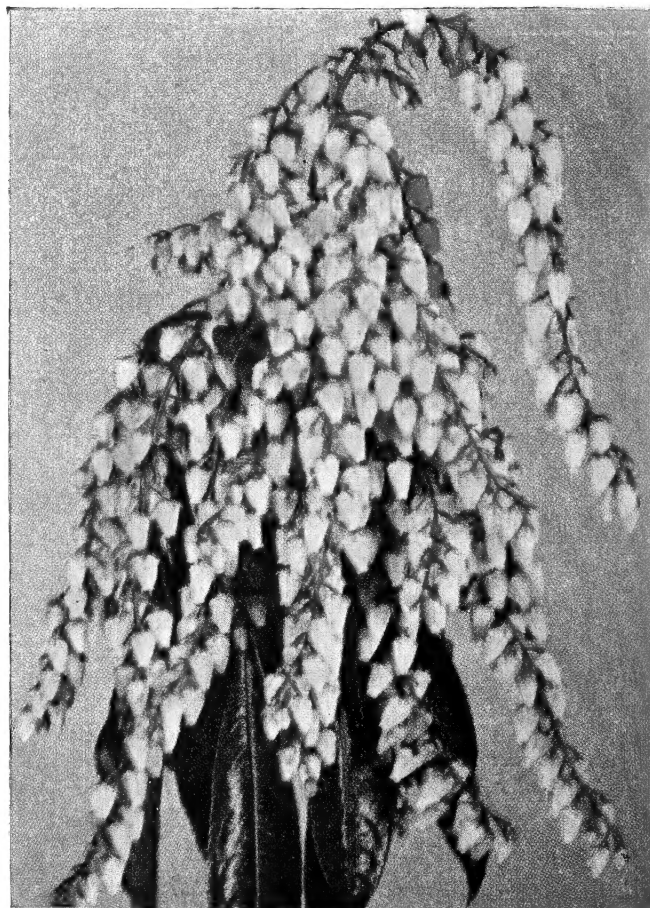
**M. communis compacta.** Foliage smaller than type and habit very compact. An excellent subject for hedges to be kept under two feet. Flowers, berries and aromatic foliage same as *M. communis*. 5-gallon containers \$3.00; 1-gallon containers \$1.00, 10 for \$9.00.

**M. ugni.** Attractive bushy medium-height shrub for partial shade. Rounded foliage glossy, tinted bronze. Creamy-white flowers in profusion followed by purplish, edible fruits. 1-gallon containers \$1.00.

## NANDINA, Dwarf Bamboo

**Nandina domestica.** Not a bamboo, but upright stems in clumps give that impression. Useful for restricted areas in sun or shade; beautiful in fall with red berry clusters and bronzy-red foliage. Grouping of three or more plants increases berry production, although all plants are capable of berry-production individually. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

PIERIS JAPONICA (Andromeda)



## NERIUM, Oleander

Oleanders are the background of garden color in California during the summer months. Plants are robust in growth and generous with flowers through a long season. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

### Varieties

**Commander Barthelemy.** Large flowers double, bright scarlet.

**Sister Agnes.** Single white flowers, vigorous growth.

**Dr. Golfen.** Single deep rose-red flowers.

**Splendens gigantea.** Double rose-pink flowers.

**Sarah Bernhardt.** Single flowers soft pink.

**Mrs. F. Roeding.** Double salmon flowers; rounded, compact habit of growth.

**Mrs. Swanson.** Double soft pink flowers.

**Double White.** An improved form of Sister Agnes.

## OSMANTHUS, Fragrant Olive

**Osmanthus aurantiacus.** Tall shrub or tree with glossy, elongated foliage and masses of intensely fragrant golden yellow flowers in October. 1-gallon containers \$1.25.

**O. delavayi.** Foliage tiny, dark glossy green; habit spreading. Beautiful in spring with masses of small, bell-shaped flowers, deliciously fragrant. 1-gallon containers \$1.25.

**O. fragrans.** Growth tall, slender; foliage medium green. White flowers in spring are insignificant but exude a most charming fragrance. 1-gallon containers \$1.00.

**Note:** Osmanthus will grow in sun or shade but their foliage makes a very desirable subject for shady planting. Should have some sun during the day to bring out the perfume of the flowers.

## PHOTINIA

**Photinia arbutifolia** (Toyon, California Holly). Our most beautiful native shrub in the Christmas season, with its dark green foliage and clusters of sparkling red berries. Excellent native background shrub for dry locations. 1-gallon containers \$1.00.

**P. serrulata nova** (Chinese Photinia). Interesting the year around—this tall spreading shrub or tree. New foliage bronzy in spring, immense white flower clusters followed by red berries in fall. Many leaves turn deep red in fall, holding through winter. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

**P. serrulata lineata.** A selected and beautiful form of the Chinese Photinia. In addition to the beautiful features of the preceding, it has very dark red stems, a most effective feature, and deeply toothed foliage. 1-gallon containers \$1.25.

## PLEROMA, Princess Flower

**Pleroma grandiflora.** This medium to tall shrub for full sun reaches its full glory in late summer and fall, when it is covered with bright purple flowers about the size of a silver dollar. Foliage light green and grayish-pubescent with pinkish stems and mid-ribs. 5-gallon containers \$3.50, 1-gallon containers \$1.25.

### FOR SCREENS AND BACKGROUND SHRUBS

Plant these:	Lagunaria	Photinia
Arbutus	Laurus	Pittosporum
Ceanothus	Leptospermum	Prunus
Cotoneaster	Ligustrum	Pyracantha
Escallonia	Nerium	Rhamnus



OLEANDERS

## PIERIS, Andromeda

**Pieris japonica.** A true aristocrat among garden shrubs. Grows to medium height in full or partial shade. Glossy green foliage and graceful clusters of dainty bell-shaped white flowers in spring. New foliage bronzy. Balled and Burlapped 18-24" \$5.00, 15-18" \$3.50.

**P. forrestii.** An improved type of Andromeda. The new foliage is intense scarlet, greatly enhancing the many other attractive features of this beautiful shrub. 1-gallon containers \$2.50. Supply very limited.

## PITTOSPORUM

**Pittosporum crassifolium.** Tall, slender habit of growth. Foliage gray-green and flowers red and cream. Useful screening and foundation shrub in windy, shoreside locations. 5-gallon containers \$3.50; 1-gallon containers \$1.00, 10 for \$9.00.

**P. eugeniioides.** Light green foliage is wavy at margins, stems black. Habit of growth tall, and bushy. A recommended screening and hedge shrub. 5-gallon containers \$3.50; 1-gallon containers \$1.00, 10 for \$9.00.

**P. tenuifolium.** Habit of growth more upright than spreading. Foliage small and dark glossy green. Makes an excellent hedge or screen plant and used for foundation planting where large size is desired. 5-gallon containers \$3.50, 1-gallon containers \$1.00, 10 for \$9.00.

**P. tobira.** Dark glossy green foliage in whorls on a compact plant. Exceptionally good for foundation planting to medium height in sun or shade. Clusters of yellowish berries split open in late fall to reveal red seeds. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

**P. undulatum.** Large luxuriant dark green foliage imparts a tropical effect. Very bushy habit; tender in some areas. Flowers yellowish, very fragrant. Useful for bold planting treatment in sun or shade. 5-gallon containers \$3.50; 1-gallon containers \$1.00.



PYRACANTHA ROSEDALE

## POLYGALA

**Polygala dalmatiana.** It can be said without reservation this plant is always in bloom. Compactly rounded habit of growth to medium height; light green foliage. Flowers purplish-magenta, pea-shaped. 1-gallon containers \$1.00.

## PRUNUS, Laurel

**Prunus ilicifolia** (California Cherry). Desirable screen or hedge plant for dry situations. Holly-like glossy foliage and bushy habit. 1-gallon containers \$1.00, 10 for \$9.00.

**P. Iyoni** (Catalina Cherry). Tall shrub or small tree with regular, rounded foliage. More open in habit than preceding and often used for an evergreen tree in dry, unfavorable locations. 1-gallon containers \$1.00.

**P. laurocerasus** (English Laurel). Large shrub with bold medium green foliage. Useful as a foundation plant in sun or shade and as a background shrub providing dense growth and plenty of height. 5-gallon containers \$3.50; 1-gallon containers \$1.00. Balled and Burlapped 4-5' \$7.50, 18-24" \$3.50.

**P. lusitanica** (Portugal Laurel). Dark green foliage and red stems. Grows bushy, compact and tall in sun or shade. Desirable for same purposes as English Laurel. 5-gallon containers \$3.50; 1-gallon containers \$1.00. Balled and Burlapped 18-24" \$3.75.

## PSIDIUM, Guava

**Psidium cattleianum** (Red Strawberry Guava). Semi-tropical, low bushy shrub with medium sized glossy foliage. Creamy-white flowers followed by late fall and winter red-hued fruits, used for making guava jelly. Full sun. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

# BROADLEAVED EVERGREENS

## PYRACANTHA, Firethorn

**Pyracantha coccinea lalandi.** Tall slender upright spikes covered with orange-yellow berries in fall. Good dark green foliage the year around. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

**P. tormosiana.** Masses of scarlet berries on long arching branches make this variety a spectacular sight in fall. Oval medium green foliage. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

**P. Rosedale.** One of the earliest to show color. Abundant orange-red berries on arching branches, more upright than spreading. Foliage dark glossy green. 5-gallon containers \$3.75; 1-gallon containers \$1.25.

**P. graberii.** Large bright red berries on gracefully arching stems. Well clothed with dark glossy green foliage. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

**P. yunnanensis.** Excellent form for covering slopes. Outward sweeping branches ablaze with clusters of bright red berries in fall and early winter. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

## RAPHIOLEPIS

**Raphiolepis indica rosea.** Very desirable low compact shrub for shade. Thick dark green foliage; clusters of bright pink flowers in spring followed by purplish berries. 1-gallon containers \$1.50. Balled and Burlapped 12-15" \$3.00, 8-12" \$2.50.

**R. ovata.** Round thick dark green foliage and low compact habit of growth. Creamy-white flowers in clusters in spring followed by purple berries. Sun or shade. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

## RHAMNUS, Buckthorn

**Rhamnus alaternus** (Italian Buckthorn). Tall shrub of compact habit, with handsome dark green foliage. Quick growing and beautifully adapted to screens and tall hedges. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

## RHUS, Sumac

**Rhus ovata** (Sugar Sumac). Splendid native shrub with rounded thick foliage and low to medium compact growth. Thrives in dry conditions. 1-gallon containers \$1.00.

## ROSMARINUS, Rosemary

**Rosmarinus officinalis** (Rosemary). Low to medium height shrub with aromatic, needle-like gray-green foliage; blue flowers in winter. Very desirable herb. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

## SARCOCOCCA

**Sarcococca ruscifolia.** Excellent small shrub for shaded areas; compact growth and bright green glossy foliage. Tiny white flower clusters in mid-winter are intensely fragrant; purplish berries follow. 1-gallon containers \$1.25.

## SKIMMIA

**Skimmia japonica.** Useful low shrub for shade. Attractive foliage in whorls about stems; many clusters of large bright red berries; star-shaped white flowers. Likes acid soil condition. Balled and Burlapped 15-18" \$3.75.

## VERONICA

**Veronica buxifolia.** Low compact plant with box-like foliage and small white flowers. Useful for globe-shaped accent plants or low edging. 5-gallon containers \$2.75; 1-gallon containers \$1.00, 10 for \$8.00.

## BROADLEAVED EVERGREENS

**V. decussata.** Low-spreading shrub with light green foliage in whorls about stem. In flower most of the year; short flower spikes are light blue. 5-gallon containers \$2.75; 1-gallon containers 85c.

**V. imperialis.** Compact, rounded shrub to medium height. Foliage medium green, in whorls about stem, mid-ribs and stems as well as flower spikes are reddish-purple. Blooms the year around. 5-gallon containers \$2.75; 1-gallon containers 85c.

### VIBURNUM

**Viburnum japonicum.** Large medium green foliage on a robust, bushy, tall shrub for full sun or partial shade. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

**V. odoratissimum.** Thick, glossy green foliage turns bronzy-red in late fall and winter. Small white flowers are very fragrant. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

**V. suspensum.** Useful and delightful medium-height plant for hedges and grouping in the shrubby border in shade. Leaves glossy and wrinkled. Fragrant inconspicuous white flowers followed by bright red berry clusters. 5-gallon containers \$3.00; 1-gallon containers \$1.00, 10 for \$9.00.

**V. tinus.** Dark green medium foliage and upright habit. Many clusters of pinkish-white flowers in winter. Excellent foundation shrub for medium to tall growth in shade or sun. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

### XYLOSMA

**Xylosma senticosa.** Light green heart-shaped foliage and contrasting bronzy new growth; drooping spreading habit to medium height. Dependable and handsome in hot, dry locations. 5-gallon containers \$3.50; 1-gallon containers \$1.25.



EUCALYPTUS FICIFOLIA

## EVERGREEN TREES --- Colorful, Useful, Gracious

Prices for Evergreen Trees (unless otherwise noted): 5-gallon containers \$3.50; 1-gallon containers \$1.00.

### ACACIAS

**Acacia baileyana.** Attractive gray-green foliage; trees heavily laden with bright yellow flowers in January.

**A. longifolia (latifolia).** Long, slender leaves and dense growing habit. Easily sheared to formal specimens.

**A. floribunda.** Seldom without yellow flowers in spring and summer. Valuable tree for adverse conditions.

**A. melanoxylon.** Elongated foliage and dense habit. Useful for roadside planting.

### CASUARINA

**Casuarina stricta.** Needle-like foliage and habit of growth gives impression of slender, graceful pine.

### CERATONIA, Carob

**Ceratonia siliqua.** Rounded, glossy green foliage. Grows quickly to round-headed, compact, handsome tree.

### CINNAMOMUM, Camphor Tree

**Cinnamomum camphora.** Beautiful tree for roadside planting. Foliage light green; new leaves tinged bronze.

### EUCALYPTUS

**Eucalyptus ficifolia.** Brilliant scarlet flowers in late summer and fall; heavy dark green foliage. 5-gallon containers \$4.00; 1-gallon containers \$1.25.

**E. globulus compacta.** Dense, compact form of common Blue Gum. Large leaves dark green; gray-green when new.

**E. polyanthemus.** Small tree, slender, graceful. Round leaves gray-green on drooping branches.

**E. rudis.** Dark green, handsome foliage and robust habit. Thrives under arid conditions.

**E. sideroxylon rosea.** Slender foliage on drooping branches; trees covered with bright pink flowers in summer.

**E. viminalis.** Narrow foliage medium green. Grows quickly into a large tree with graceful plume-like branching.

### GREVILLEA, Silk Oak

**Grevillea robusta.** Fern-like foliage and orange flowers in early summer. Grows rapidly.

### MAGNOLIA

(Deciduous varieties on page 19)

**Magnolia grandiflora.** Large, thick, glossy foliage; dense habit. Magnificent large white, fragrant blooms. 5-gallon containers \$4.00; 1-gallon containers \$1.25.

### QUERCUS, Oak

(Deciduous varieties on page 18)

**Quercus agrifolia** (California Live Oak). Stately, wide-spreading tree with holly-like foliage. Grows quickly under favorable conditions.

### SCHINUS, Pepper

**Schinus molle.** Sturdy, graceful tree with drooping, finely-cut foliage and amply supplied with clusters of red berries.

### STERCULIA, Bottle Tree

**Sterculia diversifolia.** Symmetrical tree well clothed with interesting foliage. Bell-shaped flowers, cream and wine.

### TRICUSPIDARIA

**Tricuspidaria dependens** (Lily-of-the-Valley Tree). So called because of the pendulous white flowers. Oak-like foliage. Excellent tree for heavy, damp soils.

### TRISTANIA, Brisbane Box

**Tristania conferta.** Handsome tree with large light green foliage. Likes heat but needs plenty of soil moisture.

### ULMUS, Evergreen Elm

(Deciduous varieties on page 18)

**Ulmus parvifolia.** Broad-sweeping branches clothed the year around with larger, otherwise characteristic, elm foliage. 5-gallon containers \$4.00.

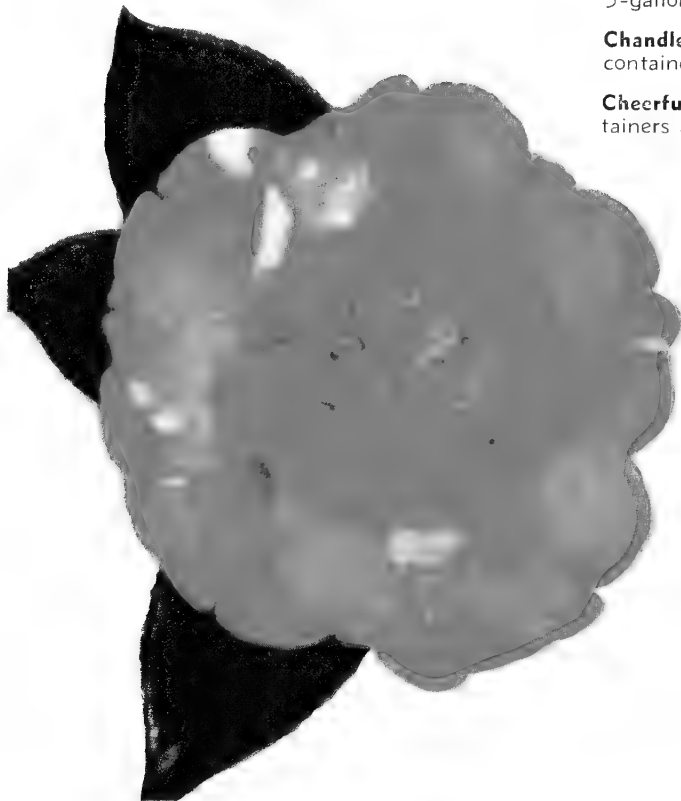
**Note:** Many of the evergreen trees are available in large, specimen sizes. Prices supplied on request.



## BUILD A COLLECTION!

There is no greater thrill than being the owner of a collection of fine camellias, whether it be a half-dozen plants or scores of varieties. We have listed here about 25 varieties, comprising a wide range of forms and colors. Any one, or any group will make a splendid foundation stock upon which to build a collection.

CHANDLERI ELEGANS



HERME



# CAMELLIAS *in your garden*

**Amabilis.** Large single white with golden yellow stamens. Robust habit. 1-gallon containers \$2.75.

**Alba superba.** Largest semi-double pure white with prominent yellow stamens. 5-gallon containers \$10.00; 1-gallon containers \$2.75.

**Belle Romana.** Large double rose-pink flowers striped and splashed with crimson. 5-gallon containers \$10.00; 1-gallon containers \$2.75.

**Chandleri elegans.** Loose peony-form with variegated pink and white petals. 5-gallon containers \$10.00; 8" pots \$10.00; 1-gallon containers \$3.50.

**Cheerful.** Medium in size, very double rosy red. Blooms profusely. 5-gallon containers \$7.50; 1-gallon containers \$2.50.

**C. M. Hovey** (Julia Drayton). The largest double red camellia in our list and an exceptionally good variety. 5-gallon containers \$12.50; 1-gallon containers \$3.50.

**Clarke's Red.** Very symmetrical double deep red; always dependable, good size. 5-gallon containers \$7.50; 1-gallon containers \$2.75.

**Colonel Firey.** Perfectly formal dark red flowers are large and abundant in late season. 5-gallon containers \$12.50; 1-gallon containers \$4.50.

**Daikagura.** Very early double deep pink occasionally splashed white. 5-gallon containers \$10.00; 1-gallon containers \$3.50.

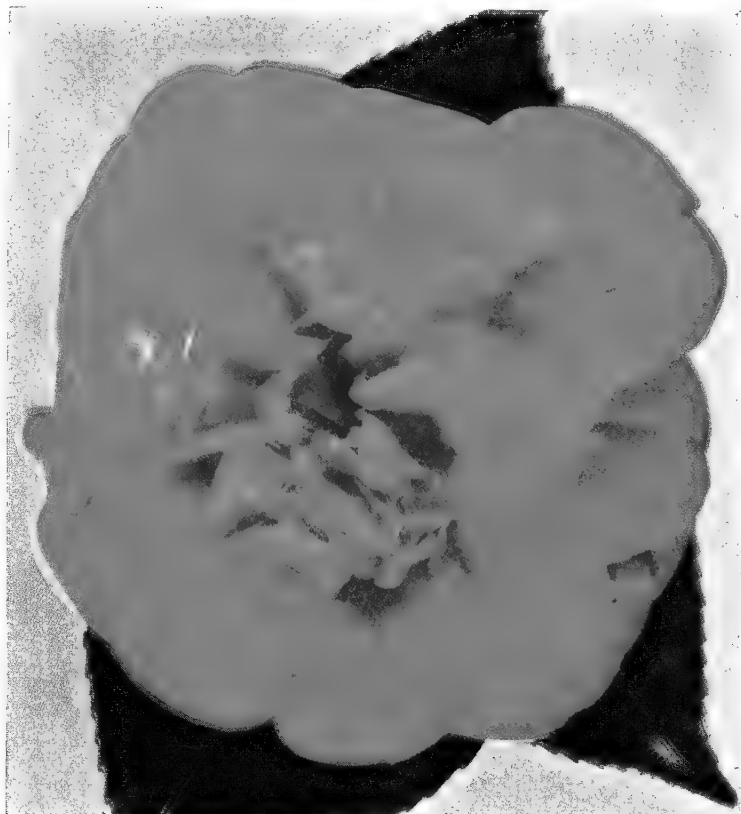
**Debutante.** Blooms early with Daikagura. Delicate pink flowers are full peony-form. 5-gallon containers \$12.50; 6-inch pots \$6.75; 1-gallon containers \$4.50.

**Elena Nobile.** Medium size, double vermilion-red, dependable. 5-gallon containers \$10.00, 1-gallon containers \$3.00.

**Empress of India.** The large peony-form flowers are a striking and unusual shade of salmon-pink. 5-gallon containers \$12.50; 1-gallon containers \$4.00.

**Emperor of Russia.** Very large peony-form flowers are brilliant scarlet. Bushy, compact habit. 5-gallon containers \$12.50; 1-gallon containers \$4.50.

EMPEROR OF RUSSIA





# provide a lifelong TREASURE

**Fanny Bolis.** Semi-double red, splashed white. 1-gallon containers \$3.00.

**Francine.** A solid-pink sport of Chandleri elegans. 1-gallon containers \$3.50.

**Grandiflora rosea.** Very large semi-double pink with broad, waxy petals. 5-gallon containers \$10.00; 1-gallon containers \$3.50.

**Herme (Jordan's Pride).** Loose peony-form with pink and red variegations and white petal margins. 5-gallon containers \$10.00; 1-gallon containers \$3.00.

**Imperator.** Large double salmon-pink; stamens interspersed with central petals. 1-gallon containers \$2.75.

**Kumasaka.** Deep rose-pink peony-form flowers are abundant on vigorous plants. 5-gallon containers \$10.00; 8" pots \$7.50; 1-gallon containers \$3.50.

**Lady Campbell.** Very double formal rose-pink flowers on compact, vigorous plants. 5-gallon containers \$8.50; 1-gallon containers \$2.50.

**Lotus (Grandiflora alba).** Semi-double informal and largest of the fine white camellias. 1-gallon containers \$3.50.

**Marchioness of Exeter.** Peony-form blooms are flesh-pink and speckled deep pink. 1-gallon containers \$4.00.

**Pink Ball.** Irregular double shell-pink flowers deepen in color with age. 1-gallon containers \$4.50.

**Pink Perfection.** The most popular light pink variety. Fully double and perfectly symmetrical. 5-gallon containers \$7.50; 1-gallon containers \$2.50.

**Princess Bacchiochi.** Rich carmine-red blooms are semi-peony-form, showing stamens. 5-gallon containers \$10.00, 1-gallon containers \$2.75.

**Prof. C. S. Sargent.** Full peony-type, free flowering and deep scarlet. 5-gallon containers \$10.00; 1-gallon containers \$3.00.

**Purity.** Symmetrical double flowers snowy white, showing some golden stamens. 5-gallon containers \$10.00; 1-gallon containers \$2.75.

**Reticulata.** Huge semi-double deep pink blooms with ruffled, irregular petals. New and very rare. 8-inch pots \$25.00; 6-inch pots \$17.50.

**Rosita.** Late blooming deep rose-pink flowers are formal and medium in size. 5-gallon containers \$7.50; 1-gallon containers \$2.50.

**Stardust.** Deep-pink flowers are formed like Chandleri elegans. 1-gallon containers \$3.50.

**Victor Emanuel.** Large, deep red peony-form with golden stamens showing in center. 5-gallon containers 24-30" \$15.00.

**Ville de Nantes.** Very rare. Semi-double deep red with fimbriated petals. 8-inch pots \$15.00; 6-inch pots \$12.50.

**Wakanoura Red.** Semi-double rosy-red flowers have prominent contrasting golden-yellow stamens. 1-gallon containers \$3.00.

**Wakanoura Variegated.** Similar to above except that some of the petals are splashed white. 1-gallon containers \$3.00.

## HOW TO GROW CAMELLIAS

Camellias enjoy shade or filtered sunlight during the warmest part of the day. In any situation, the soil must be loose and well-drained and contain enough humus to provide a constant supply of moisture to the roots. Use peat moss and leaf mold generously when planting and be sure to set the crown of the plant exactly at ground level.



COLONEL FIREY



KUMASAKA



RHODODENDRON CORNUBIA

## Gorgeous AZALEAS

See page 25 for Cultural Information

Price Schedule			
A—\$1.50	C—\$3.00	E—\$4.00	G—\$7.50
B—\$2.50	D—\$3.50	F—\$5.00	

There are two classes of Azaleas in the following list. **Azalea indica** varieties are characterized by larger flowers, some kinds having a double row of petals. They are not as hardy as the *A. kurume* but hardy enough for most sections of California. **Azalea kurume** varieties are characterized by smaller flowers; sometimes have another complete set of petals arranged inside the first row of petals (called hose-in-hose). This type makes up for size by throwing a greater quantity of flowers.

**Albert Elizabeth** (Indica). Variegated pink and white double. D F G.

**Chas. Encke** (Kurume). Dwarf variety with single dark salmon-pink flowers striped white. A B D F G.

**Coral Bells** (Kurume). Flowers brilliant coral-pink; vigorous. A F.

**Erie** (Indica). Double variegated pink and white petals. A B D F.

**Goldsworth Red** (Indica). Double flowers are terra-cotta. Free blooming and spectacular. New. A B.

**Hexe** (Kurume). Brilliant crimson flowers cover this dwarf, compact variety in spring. A B D F.

**Lentengroet** (Kurume). This is an improved type of Hexe. The flowers are larger and somewhat lighter in color. B D F.

**Mme. Pericot** (Kurume). Deep pink flowers in profusion. E G.

**Miss Cottage Gardens** (Indica). Double scarlet flowers hold color and have the texture of crepe. New. A B D.

**Marie Louise** (Kurume). White hose-in-hose flowers, striped pink. A B D F.

**Paul Schame** (Indica). Double deep salmon-pink flowers bloom over a long season; December to March on large plants. A B D F.

**Professor Walters** (Indica). Large single flowers have white petals with rose-pink blotch. A B.

**Rosea-flore** (Indica). A beautiful dwarf spreading sort with rosette-like double deep pink flowers covering the plants in May. F.

**Rutherfordiana**. This type is a hybrid combining the good features of *A. indica* and *A. kurume*. Medium sized double flowers bloom over long season. Can be supplied with pink, red or white flowers. G.

**Salmon Beauty** (Kurume). Single salmon-pink flowers. A C E G.

**Simon Mardner** (Indica). Profuse double blooms bright rose. F G.

# RHODODENDRONS

See Page 25 for Cultural Information

## Price Schedule

A—\$7.50	D—\$12.50	F—\$20.00
B—\$10.00	E—\$15.00	

**Alice**. Rich green foliage and compact habit. Flowers rich pink on conical trusses; very free flowering. A B D.

**Cornubia**. Large robust habit and large foliage. Clear deep red flowers appear much earlier than regular season. D E.

**Eureka Maid** (Plant Pat. No. 432). Combines the best features of Pink Pearl and Alice. Robust, yet compact; flowers on large conical trusses are deep rich pink. A B D E.

**Lord Roberts**. One of the finest dark reds. Medium-sized trusses in abundance on compact plants with good foliage. A B D.

**Pink Pearl**. The most popular and the most widely known pink variety. Flowers light clear pink and large in size on large conical trusses. Plant robust in habit; has excellent dark green foliage. A B D E F.

**Unknown Warrior**. Fiery-red blooms on good sized trusses. Elongated foliage dark green on sturdy, compact plants. A B D.

## NOVELTY RHODODENDRONS

**Cottage Gardens' Pride**. A striking new variety with excellent growth habits, good foliage and brilliant pink flowers; upper petals marked with brown specks. E.

**Cottage Gardens' Unique**. One of the recent introductions with pale yellow flowers. Very useful for increasing the color range of your collection. Compact, free flowering. E.

**Lady Primrose**. Another of the recently introduced novelties. This variety has lemon-yellow flowers holding color well. E.

**Lavender Girl**. This fine new hybrid has delicate lavender flowers in medium-sized trusses. Compact habit, excellent foliage. E F.

**Specimen Rhododendrons**. Large specimen plants are available from our stock. Will create beautiful immediate effects. Sizes ranging to six feet tall with six feet spread. \$35.00 to \$75.00.

## AZALEAS—Continued

**Sweetheart** (Kurume). Hose-in-hose flowers bright pink. E G.

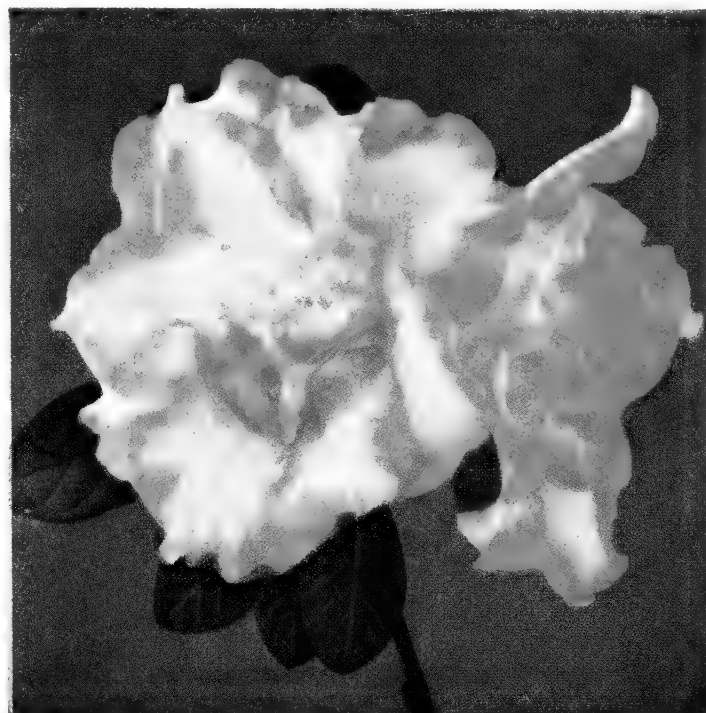
**Snowdrift** (Kurume). Large single flowers pure white. C D F G.

**Triumph** (Indica). Brilliant red flowers are double. D F G.

**Vervaeana alba** (Indica). Semi-double flowers white with greenish markings. F.

**Violacea** (Indica). Single flowers are delicate shade of lavender. F.

**Wm. Van Orange** (Indica). Double flowers are deep orange. D F.



AZALEA ALBERT ELIZABETH

# VINES for Wall & Trellis

## AMPELOPSIS

**Ampelopsis quinquefolia** (Virginia Creeper). Rapid growing vine attaining great proportions. Brilliant scarlet foliage in fall. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

**A. Veitchii** (Boston Ivy). Deciduous vine making quick cover for bare walls. Will cling to metal, wood or stucco. Brilliant fall foliage. 1-gallon containers \$1.00.

## BIGNONIA, Trumpet Flower

**Bignonia cherere**. Fast growing vine with deep green glossy evergreen foliage and bright red flowers with yellow throats blooming in early summer. 5-gallon containers \$5.00; 1-gallon containers \$1.25.

**B. tweediana** (Catsclaw). Clings to wood or masonry, ever-green. Flowers bright canary yellow; blooms in May. 5-gallon containers \$5.00; 1-gallon containers \$1.25.

**B. violacea** (Painted Trumpet). Excellent dark glossy green foliage and exceptionally good in shade. Flowers lilac, with yellow throats. 5-gallon containers \$5.00; 1-gallon containers \$1.25.

## BOUGAINVILLEA

**Bougainvillea braziliensis**. Hardier than others and most floriferous. Flowers rosy-purple; free blooming and rapid growing. 5-gallon containers \$7.50; 1-gallon containers \$1.50.

**B. Crimson Lake**. Flowers brilliant, clear rosy-red. Habit not so dense as Brazil variety but plants are vigorous and free flowering. 5-gallon containers \$7.50; 1-gallon containers \$1.50.

**B. San Diego Red**. Recently discovered improved form of B. Crimson Lake. Flowers larger and foliage more lush in growth and appearance. 5-gallon containers \$10.00; 1-gallon containers \$2.00.

## CLEMATIS

**Clematis montana**. This species is rapid growing and provides dense coverage. Small white flowers in April. 1-gallon containers \$1.25.

### LARGE-FLOWERED HYBRIDS

Price: 1-gallon containers \$1.50

**C. Henryi**. Unbelievably huge white flowers appear in spring and late summer.

**C. Jackmanni**. This is probably the oldest and best known. Large flowers are rich, deep purple.

**C. Mme Ed. Andre**. Bright velvety red flowers appear in spring and late summer.

**C. Ramona**. Large lavender-blue flowers are very effective on fences or terrace pillars.

## FICUS, Creeping Fig

**Ficus repens**. Tiny foliage densely arranged on small branchlets that will cling to metal, wood or stucco. 1-gallon containers \$1.00.

## GELSEMIUM, Carolina Jessamine

**Gelsemium sempervirens**. A useful and hardy evergreen vine especially adapted to very hot locations. Foliage small and pleasing shade of green; grows quickly and makes dense cover. May flowers are tubular and bright yellow. 1-gallon containers \$1.00; 5-gallon containers \$5.00.

## HARDENBERGIA

**Hardenbergia comptoniana**. Winter bloom in wisteria-like clusters are violet-blue in color and very fragrant. Vine not a rapid or precocious grower but very effective. 1-gallon containers \$1.50.

## HEDERA, Ivy

**Hedera helix** (English Ivy). Modern use is for ground cover in shade or sun; provides thick carpet of dark green foliage. 1-gallon containers 85c, 10 for \$8.00. Flats: \$7.50 per 100 plants.

**H. Hahn's Self-Branching**. Excellent for pot-culture as the foliage is small to medium, handsomely cut, densely compact. Good for ground cover, too. 1-gallon containers \$1.00, 10 for \$9.00; 4" pots 75c, 10 for \$7.00; 3" pots 50c, 10 for \$4.50.

**H. canariensis variegata**. Large, heart-shaped foliage, strikingly variegated cream. Very decorative. Not equipped with pads for clinging to objects. 1-gallon containers \$1.00. Flats: \$7.50 per 100 plants.

## JASMINUM, Jasmine

**Jasminum grandiflora**. Rapid growing evergreen valuable for its dark green foliage, clean stems and fragrant white flowers in spring and summer. 1-gallon containers \$1.00.

**J. primulinum**. Like above except flowers are buttery-yellow and appear in winter months. Useful cover for steep slopes.

Both varieties: 5-gallon containers \$3.50; 1-gallon containers \$1.00.

## LONICERA, Honeysuckle

**Lonicera japonica halliana**. Vigorous growing and well clothed with medium green foliage. Pale yellow flowers fade to white, very fragrant. 5-gallon containers \$3.00; 1-gallon containers 85c, 10 for \$8.00.

## MANDEVILLA, Chilean Jasmine

**Mandevilla suaveolens**. Deciduous vine of slender growth and large elongated foliage. Prized for its spring-blooming trumpet-shaped fragrant flowers. 5-gallon containers \$5.00; 1-gallon containers \$1.25.

## PASSIFLORA, Passion-vine

All varieties except *P. pfordti*: 1-gallon containers \$1.25.

**Passiflora coerulea**. Densely growing vine with blue and white flowers.

**P. edulis**. Large lush foliage, somewhat tender. Juices of fruits used for beverages.

**P. macrantha**. Dense growing and beautiful in summer with its many scarlet flowers.

**P. mollissima**. Similar to foregoing except that flowers are a bright shade of pink.

**P. pfordti**. Beautiful three-lobed foliage makes a dense cover. Flowers medium blue and perfectly formed. 1-gallon containers \$1.50.

## PHILADELPHUS

**Philadelphus mexicana**. Almost evergreen shrubby vine with fragrant white flowers in spring and summer. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

## PLEROMA

**Pleroma lactea**. Long slender stems and foliage not unlike the shrub Princess Flower. Flowers rich purple, small and borne profusely. 1-gallon containers \$1.25.

## POLYGONUM, Silver Lace

**Polygonum auberti**. Myriads of silvery-white flower clusters appear on this rapid-growing vine in late spring. One-gallon containers \$1.00.

## PLUMBAGO

**Plumbago capensis**. Half-climbing or sprawling shrub with light green foliage and many clusters of light blue flowers almost the year around. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

## SOLLYA, Australian Bluebell

**Sollya heterophylla**. Half-climbing shrub useful for covering slopes; foliage evergreen; flowers brilliant blue and bell-shaped. 1-gallon containers \$1.00, 10 for \$9.00.

## SOLANDRA, Cup of Gold

**Solandra guttata**. Tender, vigorous vine with large dark green leaves and huge showy lemon-yellow flowers. Plant only in protected situations in frost-free areas. 5-gallon containers \$5.00; 1-gallon containers \$1.50.

## SOLANUM, Potato Vine

**Solanum jasminoides**. Rapid-growing vine for quick cover. Small white bell-shaped flowers in profusion almost the year around. 1-gallon containers \$1.00.

**S. rantonetti**. Good ground-cover for sunny locations; holds banks with rooting stems. Summer and fall flowers deep purplish-blue with bright gold centers. 1-gallon containers \$1.25.

## TECOMA, Trumpet Vine

**Tecoma capensis**. Bushy vine with dark green, handsomely cut foliage; becomes a brilliant sight October to January with profuse bright orange-scarlet tubular flowers. 5-gallon containers \$3.00; 1-gallon containers \$1.00.

## TRACHELOSPERMUM, Star Jasmine

**Trachelospermum jasminoides**. Useful for both ground cover and as a vine; especially good in shade. Very dark green glossy foliage year around; covered with fragrant star-shaped white flowers in May-June. 5-gallon containers \$5.00; 1-gallon containers \$1.50.

## THUNBERGIA

**Thunbergia gibsoni**. Dense vine with small stems and light green foliage, very useful for ground cover. Free blooming in summer with bright orange-yellow flowers. 1-gallon containers \$1.00, 10 for \$9.00.

## WISTERIA

**Wisteria chinensis**. Moderately long racemes with clear blue flowers in spring.

**W. multijuga rosea**. Very long slender racemes of pink flowers.

**W. Royal Purple**. Long racemes of dark blue flowers.

Prices for above: 5-gallon containers \$3.50.

# Nothing So Valuable as CONIFERS for Dignity

## ABIES, Fir

**Abies concolor** (White Fir). This is our native "silver" fir so much admired in the Sierras. Moderately slow growing and beautifully symmetrical; makes an excellent outdoor Christmas tree. Balled and burlapped 4-5' \$15.00, 24-30" \$7.50; 5-gallon containers \$5.00; 1-gallon containers \$1.50.

## CEDRUS, Cedar

**Cedrus deodara** (Indian Cedar). Quick growing and wide spreading at base; needles blue-green when new, light green when mature. Branches drooping at ends. Tubs \$10.00; 5-gallon containers \$5.00; 1-gallon containers \$1.50.

**C. atlantica** (Mt. Atlas Cedar). Similar to above except needles are uniform green, branches stiff to ends and tilted upward. Best Cedar for windy locations. 5-gallon containers \$5.00; 1-gallon containers \$1.50.

**C. atlantica glauca** (Blue Mt. Atlas Cedar). Stiff branches held somewhat upright until trees are mature; well clothed with strikingly beautiful blue-green needles. Tubs \$10.00; 5-gallon containers \$7.50; 1-gallon containers \$1.50.

## CHAMAECYPARIS

**Chamaecyparis lawsoniana** (Lawson Cypress, Port Orford Cedar). Rapid growing pyramidal tree with soft, drooping foliage; clothed to ground when grown in the open. Tubs \$7.50; 5-gallon containers \$3.50; 1-gallon containers \$1.25.

**C. lawsoniana alumi** (Blue Lawson Cypress). Tight pyramidal form and beautiful blue-green, soft foliage. Moderately rapid growing and excellent accent subject. 5-gallon containers \$3.50; 1-gallon containers \$1.25.

**C. lawsoniana elwoodii** (Elwood Cypress). Slender and slow growing, tightly narrow-pyramidal; makes a beautiful accent plant for restricted area. Foliage soft and blue-green. Balled and burlapped 18-24" \$5.00, 24-30" \$6.50.

**C. lawsoniana stewartii** (Stewart Golden Cypress). Growth similar to *C. alumi* but more loosely formed. Tips of foliage beautiful golden hue. Balled and burlapped 30-36" \$6.00; 5-gallon containers \$3.50; 1-gallon containers \$1.50.

## CUPRESSUS, Cypress

**Cupressus forbesi** (Forbes Cypress). Habit similar to Monterey Cypress but much more resistant to disease and pests. Rapid growing, ideal for wind-break. 5-gallon containers \$3.50; 1-gallon containers \$1.00, 10 for \$9.00.

**C. macrocarpa** (Monterey Cypress). Rapid growing; densely clothed with blue-green foliage; ideal wind-break. 5-gallon containers \$3.50; 1-gallon containers \$1.00, 10 for \$9.00.

**C. sempervirens fastigiata** (Italian Cypress). The best known accent conifer. Rapid growing to tall, very slender specimens. Our stock grown from cuttings from selected trees to insure uniformly slender-growing plants. 5-gallon containers \$5.00; 1-gallon containers \$1.25.

## JUNIPERUS, Junipers

**Juniperus chinensis armstrongii** (Armstrong Juniper). A select and excellent type of the Pfitzer Juniper. More compact and bluer, softer foliage. 5-gallon containers \$3.50; 1-gallon containers \$1.25.

**J. chinensis pfitzeriana** (Pfitzer Juniper). Semi-prostrate and rapid growing; ideal for low, permanent cover. Foliage blue-green when new, later becomes dark green. Balled and Burlapped 18-24" \$5.00; 5-gallon containers \$3.50; 1-gallon containers \$1.25.

**J. communis hibernica** (Irish Juniper). Tightly formed, slender accent plant. Spiny foliage very blue-green. 5-gallon containers \$3.50; 1-gallon containers \$1.25.

**J. excelsa stricta** (Spiny Greek Juniper). Compactly pyramidal; spiny foliage blue-green. 5-gallon containers \$3.50; 1-gallon containers \$1.25.

**J. sabina tamariscifolia** (Tamarisk Juniper). Excellent low spreading Juniper with dark green foliage, silvery new growth. Balled 15-18" \$4.50; 5-gallon containers \$3.50; 1-gallon containers \$1.25.

**J. torulosa** (Hollywood Juniper). Beautiful soft dark green foliage on picturesque upward-arching branches. Makes handsome pattern against bare walls. Balled and Burlapped 3-4' \$10.00, 2-3' \$7.50; 5-gallon containers \$5.00; 1-gallon containers \$1.50.

## LIBROCEDRUS, Incense Cedar

**Librocedrus decurrens**. Slender growing form of the cedar native to the Sierras. Fragrant soft dark green foliage and clean, reddish bark. Moderately rapid and useful accent variety for the larger building. Balled and Burlapped 4-5' \$7.50; 5-gallon containers \$3.50.

## PICEA, Spruce

**Picea excelsa** (Norway Spruce). Tightly compact, symmetrically - pyramidal tree with short dark green needles; moderately rapid in growth. Balled and Burlapped 3-4' \$7.50.

**P. pungens glauca** (Colorado Blue Spruce). The most handsome and desirable slow-growing specimen conifer. Symmetrically-formed branches densely clothed with bright blue-green needles, holding color the year around. Balled and Burlapped 24-30" \$10.00, 18-24" \$7.50; 1-gallon containers \$1.50.

## PINUS, Pine

**Pinus canariensis** (Canary Island Pine). Growth similar to Monterey Pine but somewhat more open and slender when tree is young; needles longer and clusters larger. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

**P. halepensis** (Aleppo Pine). Needles lighter green than Monterey or Canary Island Pines and growth in youth more broad in proportion to height; densely compact. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

**P. mughus** (Mugho Pine). Dwarf, rounded and compact; tips of needles occasionally tinted gold. An excellent conifer where globe form is desired and space restricted. Balled and Burlapped 18-24" \$7.50; 15-18" and 5-gallon containers \$5.00; 1-gallon containers \$1.50.

**P. pinea** (Italian Stone Pine). Large needles in large clusters; habit spreading and rounded. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

**P. radiata** (Monterey Pine). The best known and most widely planted pine in California. Useful for rapid-growing wind-breaks and individual specimens. 5-gallon

containers \$3.50; 1-gallon containers \$1.00, 10 for \$9.00.

## PODOCARPUS

**Podocarpus macrophylla**. Small upright tree with soft yew-like needles; covered with odd blue and red fruits in fall. Specimens 5-6' \$17.50; 5-gallon containers \$5.00.

## SEQUOIA

**Sequoia gigantea** (California Big Tree). Rapid-growing and beautifully symmetrical; cone-shaped and carries branches clear to ground, strikingly handsome. 5-gallon containers \$3.50; 1-gallon containers \$1.25.

**S. sempervirens** (Coast Redwood). Grows rapidly into beautiful tree; especially effective when grouped. 5-gallon containers \$3.50; 1-gallon containers \$1.00.

## TAXUS, Yew

**Taxus baccata** (English Yew). Wide-spreading, dark-foliaged handsome specimens valuable for foundation planting of larger homes. Balled and Burlapped 24-30" \$7.50; 5-gallon containers \$5.00; 1-gallon containers \$1.75.

**T. baccata fastigiata** (Irish Yew). Handsome, slender and formal; the ideal accent plant. Covered in fall with scarlet fruits. Balled and Burlapped 5-6' \$15.00; 5-gallon containers \$5.00 and up; 1-gallon containers \$2.00.

**T. baccata fastigiata variegata** (Golden Irish Yew). Same as foregoing except that new growth is brilliantly golden variegated. Balled and Burlapped 30-36" \$10.00, other sizes same as Irish Yew.

## THUYA, Arborvitae

**Thuja occidentalis pyramidalis** (American Pyramidal Arborvitae). A beautiful accent plant, with soft dark green foliage; slow growing and very slender. Balled and Burlapped 5-6' \$10.00, 4-5' \$7.50, 3-4' \$6.50; 5-gallon containers \$5.00; 1-gallon containers \$1.25.

**T. aurea nana** (Berckmann Arborvitae). Dwarf and very compact, soft foliage tinted bright gold at tips. Balled and Burlapped 18-24" \$5.00; 5-gallon containers \$3.50; 1-gallon containers \$1.25.

**T. beverlyensis** (Beverly Arborvitae). Slender and fairly rapid growing; tips of foliage golden. Effective accent plant. 5-gallon containers \$3.50; 1-gallon containers \$1.25.

**T. bakeri**. Very compact and pyramidal in habit; soft light green foliage. Balled and Burlapped 24-30" \$5.00; 5-gallon containers \$3.50; 1-gallon containers \$1.25.

**T. bonita**. Similar to preceding except habit more rounded and slower growing. Balled and Burlapped 24-30" \$7.50; 5-gallon containers \$3.50; 1-gallon containers \$1.25.

**T. plicata aurea** (Golden Giant Arborvitae). Handsome broad-conical specimen with tips of soft foliage tinted gold. Grows rapidly; excellent for foundation planting for large buildings; aromatic. 5-gallon containers \$3.50; 1-gallon containers \$1.25.

## THUYOPSIS, Hiba Arborvitae

**Thuyopsis dolobrata**. Rounded small tree with irregularly whorled branches drooping at the ends. Picturesque and useful in restricted areas. 5-gallon containers \$3.50, 1-gallon containers \$1.25.

# Spring Flowering SHRUBS

## AZALEAS, Deciduous Varieties

**Azalea mollis.** Plant in shade in acid soil for brilliant flowers of orange, apricot and yellow. BB 18-24" \$4.50, 15-18" \$3.75.

**A. occidentalis** (Western Azalea). Fragrant flowers of light pink and white, marked light yellow and buff. Plant in acid soil in shade. BB 18-24" \$4.50.

## CYDONIA, Flowering Quince

Long lasting, magnificent blooms in winter and early spring; glossy green foliage throughout summer. Striking arrangements for the home possible when branches are cut in bud and flowers allowed to open with stems in water. Sun.

All varieties: 5-gallon containers \$3.50.

**Candida.** The excellent pure white variety, profuse blooming in two distinct seasons.

**Della Robbia.** Habit of growth tall and arching. Globular lemon-yellow buds open to white flowers, changing to pink. Distinctive ruffled petals.

**Fire.** The contrast of the fiery-red, large petals and the golden-yellow stamens is a sight to behold.

**Pink Beauty.** Produces an abundance of good-sized pink flowers with rose shading very early in the season.

## DEUTZIA

**Deutzia gracilis.** One of our best dwarf shrubs. Graceful habit and large clusters of sparkling white flowers in June. 5-gallon containers \$2.50.

## ERYTHRINA, Coral Tree

**Erythrina crista-galli.** Tall shrub to 8 feet, becoming ablaze with colorful coral-red flowers in June. Gallon containers \$1.50.

HYDRANGEA FRENCH HYBRID



## FORSYTHIA, Golden Bell

**Forsythia fortunei.** Early spring-flowering shrub with graceful arching branches and clusters of bright yellow, bell-shaped flowers. 5-gallon containers \$2.50.

## HYDRANGEAS

**Hydrangea French Hybrids.** Available in deeper shades of pink, rose-red and white. 1-gallon containers \$1.50.

**H. hortensis.** The standard pink variety. Masses of flowers all summer, with heavy, dark green foliage. 1-gallon containers \$1.00.

## KERRIA, Japanese Rose

**Kerria japonica.** Clean, dark green foliage and upright habit. Very double dark yellow, rosette-like flowers over a long season. 5-gallon containers \$2.50.

## KOLKWITZIA, Beauty Bush

**Kolkwitzia amabilis.** Charming shrub with beautiful small trumpet-shaped flowers appearing in May. Pale pink with orange veins in the throat; buds deep pink. 5-gallon containers \$2.50.

## PAEONIA, Tree Peony

**Mouton.** Very large flowers are deep, reddish-purple with brilliant yellow stamens. 5-gallon containers \$5.00.

**Selected Hybrids.** Gorgeous flowers in shades of pink, lavender and purple. 5-gallon containers \$10.00.

Tree peonies are not trees, but become tall shrubs with considerable age. Do not prune until ends of branches have dried back to firm wood. Plant in rich soil in sun.

## PHILADELPHUS, Mock Orange

Your grandmother called them Syringas, but Syringa happens to be the botanical name for lilacs.

**Philadelphus Belle Etoile.** Vigorous plants produce quantities of large, fragrant white



AZALEA MOLLIS

flowers with a purplish blotch at the base of each petal. 5-gallon containers \$2.75.

**P. virginialis.** Masses of pure white double and semi-double flowers cover this shrub in May and June. Fragrant. 5-gallon containers \$2.50.

## PUNICA, Pomegranate

**Punica Double Red.** Brilliant large double orange-red flowers spring and summer on handsome shrub with bronzy-tinted spring foliage. 5-gallon containers \$2.50.

**P. granatum nana.** This is the dwarf, compact little shrub with the many small orange-red flowers in summer and miniature fruits in fall. Almost evergreen. 1-gallon containers \$1.00.

## SPIRAEA, Bridal Wreath

**Spiraea prunifolia flore plena.** The true bridal wreath, with the many tiny, rosette flowers of purest white on gracefully arching stems.

**S. Anthony Waterer.** Unlike other spiraeas, this variety blooms in mid-summer. Flat clusters of bright reddish-purple flowers.

**S. Van Houttei.** Best known of the spiraeas; creates snowbanks of flowers in May, on long, arching branches.

All varieties: 5-gallon containers \$2.50.

## TAMARIX

**Tamarix africana.** Spring flowers are dusty pink, with an interesting background of gray-green, cypress-like foliage.

**T. hispida.** Masses of pink flowers and blue-green foliage. Blooms later than T. africana.

Both varieties: 5-gallon containers \$2.50.

## VIBURNUM, Snowball

**Viburnum opulis sterile** (Common Snowball). A spectacular sight in late spring with its masses of huge, white globular flowers. To 8 ft. Sun. 5-gallon containers \$2.50.

**V. burkwoodi.** A fine hybrid form, to 6 ft. Excellent waxy-green foliage, almost evergreen. The glory of this shrub is its large clusters of fragrant pink and white flowers in March and April. BB 18-24" \$4.50.

## WEIGELA

**Weigela Eva Rathke.** Rich, ruby-red trumpet-shaped flowers in April and May on plants well clothed with medium green foliage.

**W. rosea.** Large clusters of bright pink flowers in late spring and early summer.

Both varieties: 5-gallon containers \$2.50.



# Trees for SHADE

## ACER, Maples

**Acer dasycarpum** (Silver Maple). Fast-growing and stately. Silver reverse foliage becomes brilliant gold in fall. 5-gallon containers, 8-10', \$4.50.

**A. negundo** (Boxelder). Round-headed tree with light green foliage like ash. 5-gallon containers, 5-6', \$3.50.

**A. platanoides** (Norway Maple). Moderately quick growing and very desirable because of its large, lustrous deep green foliage. 5-gallon containers, 6-8', \$4.50.

**A. Schwedleri** (Schwedler Maple). Variety of Norway maple with brilliant orange buds, coppery new foliage and mature leaves stained purple. 5-gallon containers, 6-8', \$4.50.

## BETULA, Birch

**Betula alba** (European White Birch). Noted for its white bark, marked black, and its shimmering, light green leaves. Tubs, 10-12', \$6.00; 5-gallon containers, 8-10', \$4.50; 5-6', \$2.50.

**B. alba laciniata** (Cutleaf Weeping Birch). Bark like preceding, but foliage is handsomely lacinated and displayed on gracefully drooping stems. Tubs, 8-10', \$7.50; 5-gallon containers, 6-8', \$5.00.

## FAGUS, Beech

**Fagus sylvaticus purpureus** (Copper Beech). Slow growing and most stately of all. New foliage is brilliant purple, changing to purplish-green in summer and burnished copper in fall. Tubs, 6-8', \$12.50.

## FRAXINUS, Ash

**Fraxinus velutina glabra** (Modesto Ash). Becoming one of our most popular shade trees because of its quick growth and wide spreading branches carrying dark, glossy foliage. 5-gallon containers, 8-10', \$4.50; 6-8', \$3.50.

## GINKGO, Maidenhair Tree

**Ginkgo biloba**. Derives its name from foliage resembling maidenhair fern. Moderately rapid in growth; beautiful in fall with golden yellow foliage. 5-gallon containers, 6-8', \$5.00.

## LIQUIDAMBAR, Sweetgum

**Liquidambar styraciflua**. Growth slow and straight; maple-leaf-like foliage beautiful in fall, when it turns a translucent amber-red. 5-gallon containers \$3.75.

## LIRIODENDRON, Tuliptree

**Liriodendron tulipifera**. Large leaves on a symmetrical tree of moderately rapid growth. Derives name from tulip-shaped, greenish-yellow flowers. 5-gallon containers, 5-6', \$2.75.



LIRIODENDRON

## PLATANUS, Sycamore

**Platanus orientalis** (European Sycamore). Dense, light green, large foliage on a quick growing tree of symmetrical habit makes this a favorite for street planting. Tubs, 10-12', \$6.00; 6-8', \$3.75.

## POPULUS, Poplar

**Populus canadensis eugenei** (Carolina Poplar). An extremely fast grower when provided plenty of soil moisture. Robust of habit and easy to grow.

**P. nigra italica** (Lombardy Poplar). The favorite tree for accent planting along drives and roads because of its rapid growth and slender habit.

Prices for above varieties: 5-gallon containers, 8-10', \$4.50; 6-8', \$3.75.

## QUERCUS, Deciduous Oaks

**Quercus coccinea** (Scarlet Oak). Handsome foliage on this moderately-sized tree turns brilliant scarlet in fall.

**Q. palustris** (Pin Oak). Habit tall, with drooping branches and cut foliage sharply pointed. Pinkish cast to fall foliage.

**Q. rubra** (Red Oak). Lacinated foliage turns coppery-red in fall. Moderately rapid growth; medium size.

Prices for above varieties: Tubs, 8-10', \$5.00.

## ROBINIA, Locust

**Robinia monumet.** Slender, upright tree with typical Locust foliage and individually large rose-pink flowers in spring. 5-gallon containers, 6-8', \$4.50.

**R. pseudacacia-decaisneana** (Pink-flowering Locust). Rapid growing and large; thrives in adverse conditions. Pink flower-clusters in profusion in spring. Tubs, 8-10', \$4.50.

## SALIX, Weeping Willow

**Salix babylonica**. Graceful weeping type with branches drooping to the ground. Foliage slender, pale green.

**S. babylonica aurea**. Same habit, with yellowish-green foliage and yellow bark. Prices for above varieties: 5-gallon containers, 5-6' \$3.50.

## SORBUS, Mountain Ash

**Sorbus aucuparia**. This is the European variety with the large red berry clusters prominent from mid-summer to fall. Small tree. Tubs, 8-10', \$5.00.

## ULMUS, Elm

**Ulmus pumila** (Chinese Elm). The most satisfactory shade tree where rapid growth under indifferent conditions is required. Given attention, and plenty of space, it makes a beautiful, wide-spreading tree. 5-gallon containers, 8-10', \$4.50; 6-8', \$3.75.

**Note:** Larger, specimen trees of the varieties listed on this page are available. Quotations will be supplied on request.

ROBINIA (Pink Flowering)



# Trees for FLOWERS

## AESCULUS, Horsechestnut

**Aesculus carnea** (Pink Horsechestnut). Tall, compact tree with bright pink flowers in late spring. Tubs, 8-10', \$12.50.

## CERCIS, Redbud

**Cercis canadensis** (American Redbud). Small tree covered with tiny, deep pink pea-shaped blooms in spring. 5-gallon containers, 5-6', \$3.50.

## CHERRY, Flowering Varieties

**Kwanzan.** Masses of double, deep pink flowers in April.

**Naden.** Later than Kwanzan; flowers softer pink.

**Shirofugen.** Pink in bud; open flowers large double white. Prices for above varieties: 5-gallon containers, 4-5', \$3.75.

**Park Weeping Cherry.** Dainty single pink flowers in showers on drooping branches.

**Double Pink Weeping Cherry.** Drooping branches cheerfully furnished with double pink flowers.

Price for above varieties: Tubs, 5' trunks, top-grafted heads, \$6.00.

## CRATAEGUS, Hawthorn

**Crataegus carrieri.** Pyramidal tree with white flowers in spring, followed by large, bright scarlet berries.

**C. Paul's Scarlet.** Beautiful in spring with masses of double, carmine-red flowers. Companion forms of this variety: **Double Pink, Double White.**

Price for above varieties: 5-gallon containers, 6-7', \$4.50.

## CORNUS, Flowering Dogwood

**Cornus florida.** Small tree for deep shade with attractive white-petaled flowers, satiny in texture. 5-gallon containers, 3-4', \$3.50.

**C. florida rubra** (Pink Dogwood). Similar to above except that flowers are showy, deep pink. 5-gallon containers, 3-4', \$6.00.

## LABURNUM, Golden-Chain Tree

**Laburnum vossii.** Long racemes of golden-yellow, pea-shaped blooms in late April, early May. Clover-like foliage. 5-gallon containers, 5-6', \$3.50.

## MALUS, Flowering Crabapples

**Arnold Crab.** Contrasting carmine-red buds and pink, fading to white flowers on a low, spreading small tree.

**Bechtel Crab.** Prized for its heavy clusters of bright pink, very double flowers.

Prices for above varieties: 5-gallon containers, 4-5', \$2.75.

PRUNUS BLIERIANA

## MAGNOLIAS

5-gallon containers: \$5.00 to \$12.50.

**Magnolia lennei.** Saucer-shaped flowers have broad, round petals; outside bright purple, inside almost white.

**M. lilliflora.** Bushy shrub with numerous slender purple flowers.

**M. rustica rubra.** Shape and color of flowers similar to Lennéi, but blooms much earlier.

**M. Soulangeana.** Large, tulip-shaped flowers are deep rose-pink, fading to light pink with white margins.

**M. Stellata.** Rows of slender white petals arranged like water-lily; faintly pink and fragrant when first opened.

## PRUNUS, Flowering Plums

**Blrieriana.** Very early double, bright pink flowers and purplish-red foliage.

**Pissardi.** Always interesting with its early single white flowers, dark red fruits and purplish-red foliage.

**Thundercloud.** Literally clouds of snowy-white flowers in spring. Rich purple foliage persists all season. Prices for above varieties: 5-gallon containers \$3.50.



HELEN BORCHERS AND ICEBERG FLOWERING PEACHES

## PRUNUS, Flowering Peaches

Listed in order of flowering.

**San Jose Pink.** Earliest of all. Bright, double, pink flowers.

**Early Double Red.** Double flowers are really deep rose-pink, almost red.

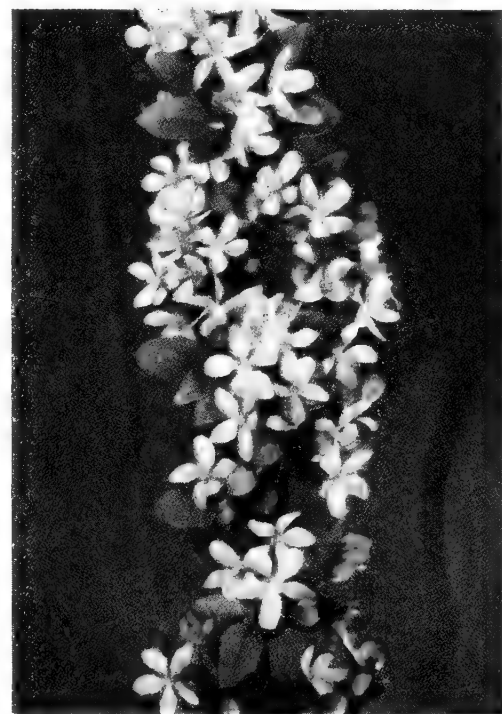
**Helen Borchers.** Medium pink, double flowers of fine individual form appear in abundance in midseason.

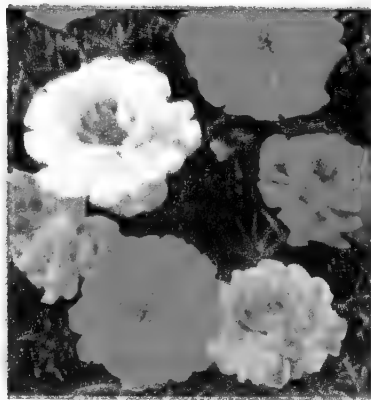
**Iceberg.** Chaste white bloom of this tree are a pleasing contrast to the multitude of spring garden colors. . . . .

**Camellia.** Rich, deep rose-pink blooms resemble miniature camellia blooms. Latest of all.

Prices for above: 5-gallon containers \$2.75.

MALUS ARNOLDIANA





PORTULACA

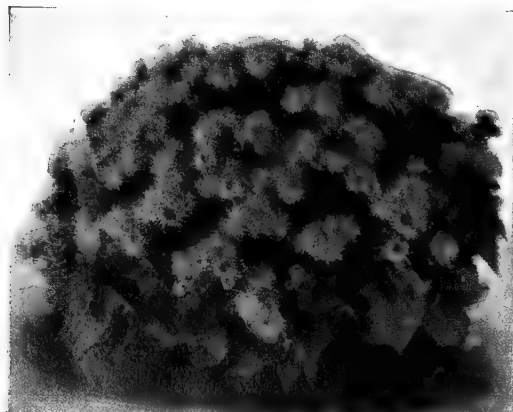


ALYSSUM VIOLET QUEEN



CALENDULA CAMPFIRE

AGERATUM MIDGET BLUE



# Plant **ANNUALS** for Quick Color

Annuals are the life of every garden, supplying sparkling color through the year. On these pages you will find an excellent assortment of tested varieties, available from seed or, for quick results, from flats.

## Prices

**Seeds:** Prices noted with descriptions.

**Plants:** 60c per doz., \$2.25 per flat.

**AGERATUM.** Dwarf compact plants especially adapted to edging. Sun or part shade. **Midget Blue.** Dwarf, 2 to 3 inches high, Ageratum blue flowers. Pkt. 15c.

**ALYSSUM.** Popular for edging and bedding. **Violet Queen.** Dwarf compact; sweetly scented flowers very deep, rich shade of violet. Blooms the entire season. Pkt. 15c. **Carpet of Snow.** Very low and close growing, making a carpet of pure white about 3 inches high. Pkt. 10c.

**ASTERS.** Colorful and lovely both in the garden and as cut flowers. Give a rich, well cultivated soil.

**Improved Crego, Wilt Resistant.** Large shaggy flowers with long curled petals. Plants are strong, heavily branched. Pkt. 10c.

**Improved Giants of California.** Flowers 3 to 4 inches across and composed of a loose row of outer petals arranged around a quill-like yellow central disc. Pkt. 15c.

**BACHELOR BUTTON.** **Jubilee Gem.** Dwarf, compact plants literally covered with flowers. One of the best blue forms and fine for cutting. Easy to grow. Pkt. 10c. **Blue Boy.** Pkt. 10c. **Snowman.** Pkt. 10c. **Mixed.** Pkt. 10c.

**CALENDULA.** **Campfire Improved.** Bright deep orange with a scarlet sheen. Pkt. 10c. **Chrysantha (Sunshine).** Loosely arranged petals; pure buttercup yellow. Pkt. 10c. **Lemon Queen.** Large, rich lemon-yellow flowers. Pkt. 10c. **Orange King.** Deep orange with darker center. Pkt. 10c.

**CINERARIA.** Start seed in late summer for winter and spring bloom or in early spring for summer bloom. Give protection during the coldest weather. **California Super Giants Mixed.** Big rounded trusses of immense 3- to 4-inch flowers, in brilliant shades of blue, purple, salmon, white and wine red. Pkt. 50c. **Stellata Feltham Beauty.** Reseeds. Star-shaped flowers in a variety of colors, many with white eyes. Pkt. 25c.

**COSMOS.** Gorgeous flowers supply a colorful effect during late summer and fall. Fine for cutting. **Sensation Mixed.** Finest large flowering type. Pkt. 10c.

**CYNOGLOSSUM. Firmament.** Compact bushy plant with sprays of deep blue, Forget-me-not-like flowers. Sow seed in summer for bloom in late autumn and winter; or in spring for summer bloom. Pkt. 15c.

**DAHLIA. Unwins Dwarf Hybrids Mixed.** Provide a mass of color in the garden and splendid flowers for cutting. Includes yellow, apricot, lavender-pink, purple, scarlet, buff and white. Pkt. 25c.

**DIANTHUS. Plumarius, Scotch Pink.** Double fringed flowers ranging from white through pink to dark rose, delightful clove fragrance. Pkt. 15c.

**GODETIA.** Exceedingly lovely in beds and the satiny flowers last well after cutting. Sow in fall for early bloom or in spring. **Duke of York.** Bright scarlet. Single, upright. **Kelvedon Glory.** Salmon-orange, single. **All double Azalea Flowered Mixture.** All, pkt. 10c.

**GAILLARDIA. Picta.** Showy annuals growing about two feet high and producing a profuse amount of colorful daisies. Red and yellow in a delightful mixture. Pkt. 10c.

**HOLLYHOCK.** Indispensable to old-fashioned gardens or borders. They make a quick growing screen and may be used as accent points in a new planting. **Double Mixed.** Pkt. 10c.

**LARKSPUR.** Annual delphiniums have finely cut, feathery foliage to set off the handsome spikes of large double blooms. Sow from September to May or set out plants from February to June. **Giant Imperial Mixed.** Pkt. 10c.

**LINARIA. Fairy Bouquet.** Dwarf, compact form produces a mass of dainty flowers in many colors. Pkt. 10c.

**LOBELIAS.** A dainty, compact growing annual for continuous bloom. It is unexcelled for borders, hanging baskets or window boxes. **Crystal Palace.** Best dark blue for edging. Pkt. 10c. **Cambridge Blue.** Light blue, large flowers, green foliage. Pkt. 10c.

COSMOS

JUMBO PANSIES



## ANNUALS FOR SHADE

Calendulas  
Cinerarias  
Pansies  
Salpiglossis  
Schizanthus  
Scabiosa



# in Your Garden and for Your Home!



**MARIGOLDS.** Plant the tall kinds in the border, reserving the dwarf kinds for bedding and edging.

**Tall African Marigolds.** 2 to 3 feet tall with large flowers on long stems. **Sunset Giants Mixed.** Immense flowers in shades of orange and yellow. **Yellow Supreme.** Clear lemon-yellow, Carnation type. **Guinea Gold.** Orange-gold, Carnation type. Odorless foliage. All: Pkt. 10c.

**Dwarf French Marigolds.** Flowers charming and distinct—scabiosa-like in form with tubular central petals flanked by broad guard petals, often in different colors. **Flash.** Bright orange, free flowering. **Yellow Pigmy.** Light lemon-yellow, small double flowers. **Scarlet Glow.** Deep red, dwarf. **Mixed, Double Harmony Hybrids.** All: Pkt. 10c.

**NASTURTIUM. Golden Gleam.** Semi-double, golden yellow, fragrant flowers. **Scarlet Gleam.** Red, rich dazzling scarlet. **Gleam Hybrids Mixed.** Salmon, golden-yellow, orange, scarlet, cerise, cream, maroon and crimson. **Trailing and Tall Varieties.** Special mixture, including dark leaved kinds. **Dwarf Mixed.** All: Pkt. 10c, oz. 25c.

**NEMESIA.** Excellent to sow in bulb bed, for bedding and planting in borders. **Compacta Triumph.** Finest mixed colors. Pkt. 15c.

**PANSIES.** Grow under a wide range of conditions but flower most freely in half sun or partial shade. **Our Jumbo Mixture.** Early, giant flowers in bright colors. Our "Best Seller", particularly popular with professional gardeners because of its reliability as to size, vigor and color. Pkt. 50c.

**PHLOX DRUMMONDI.** For massing and for borders. The plants grow about 1 foot high, thrive in practically any soil if given a sunny location. **Red Glory, Salmon Glory, Rosy Morn, Mixed.** All: Pkt. 10c.

**PETUNIAS.** Petunias are the most reliable and continuous blooming of all our summer annuals. No flower surpasses them for massing in beds or borders. **Heavenly Blue.** Light blue, silvery tones, varies somewhat. **Rose of Heaven.** Pink, brilliant shade of rose-pink. **Rosy Morn.** Pink, soft rose-

pink, white throat. **Choice Mixture.** Rose, silver blue, deep violet, white and rich violet-blue. All: Pkt. 15c.

**Elks Pride.** Purple, large velvety deep purple flowers. Pkt. 35c.

**Velvet Ball.** Red, deep mahogany shade, large flowers. Pkt. 35c. **Petunia Balcony Mixture.** Popular strain for bedding and use in window boxes. Pkt. 10c. **Ruffled Monsters.** Beautifully ruffled large flowers in medium to dark shades with contrasting throats. Half dwarf, erect. Pkt. 35c.

**Dwarf Giants of California Ramona.** A sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open well marked throat. Ideal for bedding. Pkt. 35c.

**POPPIES.** Iceland. Best as annual sown in autumn or from January to March for later bloom. Flowers picked in the bud stage will open indoors. Pkt. 15c.

**PORTULACA.** For spring and summer bloom. Best in a dry location with full sun. **Double Mixed.** Gay colors, yellow, salmon, rose, and red. Pkt. 15c.

**PRIMULA. Malacoides.** Lavender-pink, rose-pink, white, double rose-pink, double flesh-pink. Pkt. 50c.

**SALPIGLOSSIS.** Beautifully veined lily-like flowers on branching stems in many brilliant tones such as blue, purple, rose and scarlet. **Dwarf Mixed.** Pkt. 10. **Tall Emperor.** Mixed. Pkt. 10c.

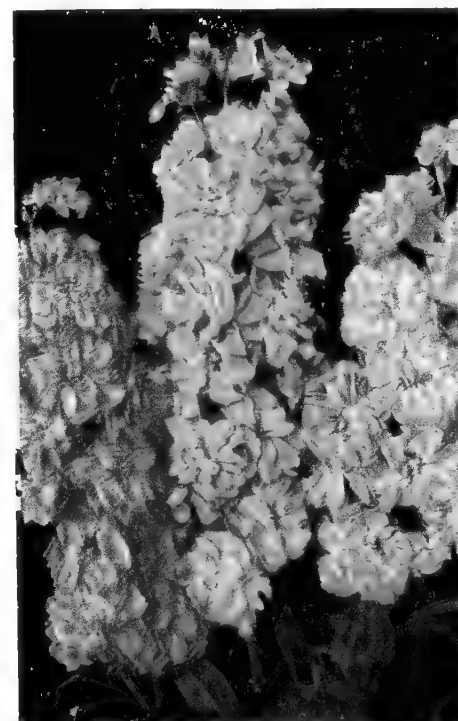
**SCABIOSA.** Pin Cushion Flower. Beautiful hardy annuals, bloom from early July without interruption until frost. Popular cut flowers. **Giant Hybrids Mixed.** Pkt. 10c.

**SCHIZANTHUS.** Butterfly Orchid. Half hardy annual for bedding and pot culture. Flowers are showy, in various colors. **Butterfly Mixture.** Pkt. 15c.

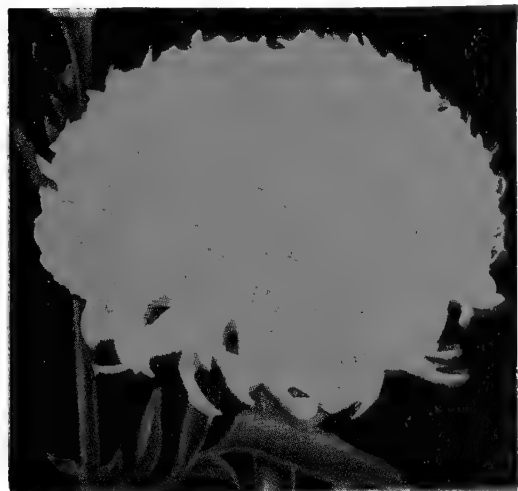


MARIGOLD, DWARF FRENCH

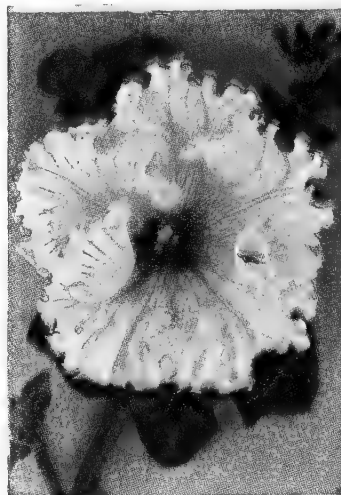
STOCKS (See page 22)



MARIGOLD, TALL AFRICAN



PETUNIA GIANTS OF CALIFORNIA





# Enjoy ANNUALS the Year Around



VERBENA



ZINNIA SUPER CROWN OF GOLD

**SNAPDRAGON.** One of our finest annuals for garden decoration and cutting. They prefer a light soil in a sunny location. Sow seed or set plants out any time. Our varieties are of the best rust-resistant types. **Maximum or super giant type.** Grows 3 to 3½ feet high with large flowers on branching stems. Ideal for cutting or tall borders and background planting: **Alaska.** White. **Campfire.** Scarlet. **Canary Bird.** Yellow. **Christmas Candle.** Maroon red. **Copper Queen.** Copper shades. **Crimson Monarch.** Crimson. **Pink Glory.** Deep salmon rose. **Pink Sensation.** Pure pink. **Rosalie.** Rose. All: Pkt. 15c.

**Super Majestic Type.** 18 to 24 inches, a good height for bedding—low branching and compact. Individual flowers large and brightly colored: **Amber and Gold.** Amber hoods, gold lips and rose tubes. **Autumn Glow.** Old rose. **Harmony.** Yellow and terra cotta. **Orange Shades.** Rose overlaid tangerine and orange. **Red Rocket.** Fiery red. **Rose Sensation.** Finest rose-pink. **Shasta.** White. **Silver Pink.** Deep pink with white blotch. **Yellow Jacket.** Deep yellow. **Mixed.** All: Pkt. 15c, 6 pkts. 75c.

**STOCKS.** Popular annuals for winter, spring and summer bloom. Plants may be set from September to June. **Early Giant Imperial.** 24-28 inches. Freely branching, strong stems. Have a high percentage of double flowers: **Antique Copper.** Copper red.

SUPER MAJESTIC SNAPDRAGONS

**Blood Red.** Brilliant dark shade. **Canary Yellow.** Creamy yellow. **Chamois.** Ivory, tinted old rose. **Dark Blue.** **Elks Pride.** Royal purple. **Flesh.** Delicate pink. **Lavender.** Silvery lilac. **Old Rose.** Soft rose-pink. **Snow White.** White. All: Pkt. 15c.

**Giants of California.** Very early flowering, produce long branches if planted well apart, and have extra long flowering spikes with immense individual florets: **Apple Blossom.** Blush pink, tinted white. **Golden Gate.** Yellow. **Monterey.** Pink. **Pacific.** Blue. **Red Woods.** Blood red. **Santa Barbara.** Chamois. **Santa Maria.** White. **Sequoia.** Rose-carmine. **Tahoe.** Lavender. **Yosemite.** Rose. **Exquisite Mixed.** All: Pkt. 15c.

**VIRGINIAN STOCK.** Hardy, profuse blooming annual growing about 6 inches high. Sow seed at frequent intervals during spring and summer for a continuous bloom. Easy culture. Ideal cover for bulb beds. **Mixed colors.** Pkt. 15c, ½ oz. 60c, 1 oz. \$1.00.

**SWEET PEAS.** **Early Spencer.** This type deserves more attention from the home gardener who can depend on it coming into flower three to four weeks earlier than the late varieties. Flowers are large, long-stemmed and beautifully ruffled. Best for winter or early spring flowers. Plant from September to February: **Mariner.** Blue, long stem. **Oriental.** Deep cream. **Harmony.** Clear lavender. **Treasure**

**Island.** Golden orange. **Bridesmaid.** Silvery pink. **Shirley Temple.** Rose-pink. **Laddie.** Giant rose. **Hope Improved.** Pure paper white, black seeded. All: Pkt. 15c, 6 for 75c, oz. 60c. **Choice Mixture.** Pkt. 10c, 6 for 50c, per oz. 50c. **Giant Summer Flowering Sweet Peas.** Plant from February to August: **Reflection.** Clear blue. **What Joy.** Cream, white seeded. **Red Boy.** Crimson. **Ambition.** Lavender. **Colorado.** Bright orange. **Youth.** Pink. **Bonnie Briar.** Rose-pink, large. **Olympia.** Rich purple. **Welcome.** Dazzling scarlet. **Sextet Queen.** White, black seeded.

**VERBENA.** One of the most popular garden annuals for beds where a gorgeous mass of color continues throughout the summer. **Mixed Colors.** Red, white and blue. Pkt. 15c.

**VIOLA.** Flowers smaller and more profuse than Pansies. Although they will endure light shade they are best in full sun. **Arkwright Ruby.** Ruby red. Pkt. 25c. **Blue Perfection.** Medium violet-blue. Pkt. 15c. **Chantrel-land.** Rich apricot. Pkt. 25c. **Lutea Splendens.** Clear yellow. Pkt. 15c.

**Primrose Dame.** Sulphur yellow. Pkt. 25c. **White Perfection.** Pure white. Pkt. 15c.

**WALLFLOWER.** Hardy annuals for full sun or partial shade. **Mixed.** Pkt. 10c.

**ZINNIA.** One of the most popular showy annuals for summer beds and borders. Excellent for cutting and easy to grow in most any soil. **Super**

**Crown of Gold, Pastel Tints.** Finest large flowering type. Contains a wide range of pastel colors. **Mixed.** Pkt. 15c. **California Giant.** One of the finest long-stemmed Zinnias. Makes an excellent cut flower. Pkt. 10c.

**Gold Medal Dahlia-Flowered Zinnia.** Robust plants, well branched. Huge flowers resemble show type dahlias: **Canary Bird.** Canary yellow. **Crimson**

**Monarch.** Deep crimson. **Golden Dawn.** Golden yellow. **Illumination.** Deep rose, self colored. **Oriole.** Orange and gold bicolor. **Polar Bear.** White. **Scarlet Flame.** Bright scarlet. **Will Rogers.** Brilliant scarlet red.

**Mixed.** All: Pkt. 10c. **Lilliput Zinnias.** Among the most popular Zinnias for cutting. The flowers are small and compact; very symmetrical. Stems strong; plants 1½ to 2 feet tall. Pkt. 10c.





# Choice PERENNIALS for Seasonal Color

**AGATHEA coelestis, Blue Marguerite.** 12-15 inches, compact plants covered with one-inch blue, yellow centered daisies. 75c each.

**AGAPANTHUS umbellatus, Blue Lily of the Nile.** Large clusters of lovely blue lily-like flowers on stout, yet graceful 3-foot stalks. \$1.00 each.

**ANEMONE Japonica.** One of the most important hardy border plants for late summer or fall blooms. Thrives in shade. White or pink. 75c each.

**ARMERIA, Sea Pink.** Diminutive tufts of dark green spring leaves, studded with dark pink flowers. A persistent bloomer from early spring to late summer.

**ASTER Frikarti, Wonder of Staffa.** Bushy perennial with rich green foliage covered completely with 2-inch lavender blue asters from June to December. Indispensable perennial. 75c each.

**ASTER, Michaelmas Daisy.** These new dwarf Asters are one of the most showy and practical plants for the fall garden. They grow freely in almost any soil, giving a wealth of bloom from August to November.

**BEGONIA, Fibrous Rooted.** Semi-dwarf varieties useful for bedding, borders or pots. Easy to grow in full sun or semi-shade, preferring a porous, well drained soil.

**Fire Sea.** Red flowers, green foliage. Height 6 inches.



**Prima Donna.** Rose, shaded carmine. Height 10 inches.

**Rosabella.** Bright pink. Height 10 inches.

**White Pearl.** Clear white flowers. Height 10 inches.

Any of the above  
Begonias  
Pkt. 50c

ASTER FRIKARTI

The garden is not complete without the seasonal touches of color supplied by interesting perennials. The soil in which they are planted should be well enriched with manure and spaded deep and well. When planting mix a handful of bone meal to each plant. Be sure all fertilizers are well mixed with the soil and do not come in contact with the roots.

**PRICE: 75c PER DOZ., \$2.50 PER FLAT, EXCEPT WHERE NOTED.**

**CANNA.** Handsome, big foliage and large showy flowers. Blooms from early summer until late fall. **Caliente.** Fiery scarlet. **Copper Giant.** Madder-red, suffused rose. **Exquisite.** Bright rose-pink. **Richard Wallace.** Bright yellow. Gallon container 75c each.

**CANTERBURY BELLS.** Biennial. Cup and Saucer type. Large cup-shaped flowers surrounded at the base with a saucer-like rim in the same colors: Blue, rose or white. Sun.

**CARNATION, Chabaud's Giants.** Popular hardy variety with blooms 2-2½ inches across. Comes 100 per cent double. Mixed colors. From seed.

**CARNATION, English Giants.** The most complete collection of colors including many rare shades yet to be offered to gardeners. The bloom size is surpassed only by the greenhouse type. If well grown, and if the gardener will disbud from one to two blooms per stem, the size of the English Giants will closely approach those grown by florists. Pkt. 35c.

**CARNATIONS, Fancy Hybrids.** A marvelous new assortment of carnations will be listed in our Spring Folder. Don't miss them!

**CATNIP, Nepeta mussini.** Silvery gray foliage with 8- to 12-inch spikes of lavender blue flowers from May to August. For hot dry places. Aromatic. 75c.

**CHRYSANTHEMUMS.** Available in May and June. See our Spring Folder.

**COLUMBINE.** Mixture of long spurred hybrids in many colors—white, yellow, red, pink and blue. Sun or shade. 2 feet.

**CONVOLVULUS mauritanicus, Blue Morocco Creeper.** Light gray-green creeper with pale lavender cup-shaped flowers all summer. Like tiny morning glories, not weedy, excellent ground cover. 6 inches or less. Sun or light shade. 85c each.

**CORAL BELLS, Heuchera.** Low attractive heart-shaped leaves and slender-stemmed, 8- to 10-inch sprays of bell-shaped red flowers. Full sun or light shade. Flowers spring and early summer.

**DAISIES, Bellis perennis.** 4 to 6 inches. Popular old-fashioned hardy perennials with white, pink or red flowers. Best in sun.

ENGLISH GIANT CARNATIONS



## PERENNIALS FOR SHADE

Anemones  
Begonia  
Cinerarias  
Dicentra  
Forget-me-not  
Primrose  
Sweet Williams  
Thalictrum  
Wallflowers



# Plant Perennials for LASTING ENJOYMENT

**DAYLILIES, *Hemerocallis*.** Handsome clumps of foliage graced with brilliant lilies in yellow and orange shades. Essential to the border as are delphiniums and phlox. Sun or shade. Good assortment of colors. 75c each.

**DICENTRA *spectabilis*. (Bleeding Heart).** The old-fashioned kind with long graceful racemes of bright pink, heart-shaped flowers. Clumps 75c.

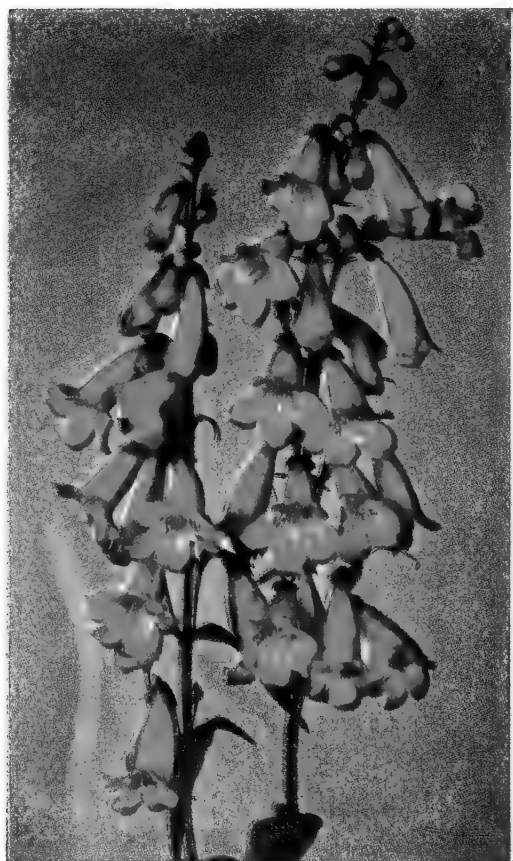
**DELPHINIUM, Pacific Giants.** Glorious garden plant. Tall stately spikes of large flowers. Light and dark blue, pink, lavender to purple and white. 3 to 5 feet. Sun. Per doz. \$1.00, flats \$3.50, field-grown clumps 50c, 12 for \$5.00.

**DIANTHUS, Hardy Pinks.** Double pink, white or red. Excellent varieties. Very fragrant. Sun. Mixed colors.

NIEREMBERGIA



PENSTEMON



**FORGET-ME-NOTS.** Low growing plants making an ideal cover for beds of Rhododendrons, Fuchsias or Azaleas. Best for shaded beds. **Alpestris.** Light blue, pink buds; free branching. **Blue Basket.** Dark blue, fairly upright growth. Pkt. 10c.

**DIGITALIS, Foxglove.** Stately biennials with long spikes of showy tubular flowers in a nice range of colors. Half shade.

**GAILLARDIA.** Best mixed hybrids. 1 1/2 to 2 feet. Fine showy plants for sunny summer gardens. Gay colors—gold zoned with maroon. Long stiff stems for cutting.

**GAZANIA.** Gay daisy-like flowers on low 6-inch plants. Popular for borders and parking strips. Full sun. Yellow or orange.

**GERBERA, Transvaal Daisies.** One of the finest flowers for cutting. Low tufts of leaves and long-stemmed, crisp, long lasting flowers in a brilliant array of colors—solid and pastel. Sun. Divisions 35c, \$3.50 doz., gallon containers 75c.

**GEUM.** Popular perennials for the garden and cutting. Grows 1 1/2 to 2 feet and blooms over a long season. Full to half sun. Yellow or red.

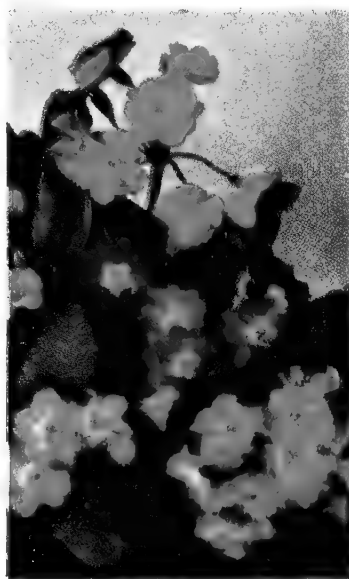
**HELIOTROPE.** Old-fashioned garden flowers. Very sweetly perfumed blue to violet flowers. Light shade. Summer and fall. 75c.

**IRIS, Bearded.** See our new Spring Folder for descriptions and prices.

**LOBELIA *cardinalis*, Cardinal Flower.** Showy border plant. From tufts of bronzy foliage it sends two-foot spikes of fiery scarlet flowers. Plant from July to October.

**MARGUERITES.** Indispensable plants making round masses of finely cut leaves and covered with daisy-like flowers in white or yellow. Long blooming. Sun. Gallon container 60c.

PRIMROSE POLYANTHUS



**MESEMBRYANTHEMUM, Ice Plant.** Daisy-like flowers of low growing habit much used for borders and rockeries. They do well on embankments in poor soil. Colors are yellow, pink, rose, orange and red.

**NIEREMBERGIA Purple Robe.** Showy low growing mounds of deep purple flowers concealing the fine cut foliage. All summer.

**PENSTEMON.** Flowers much like Foxglove—short wide open tubes in pink, red and white in 1-foot spikes. In bloom from early summer to frost. Very showy. 2 feet high. Sun.

**Perennial PHLOX.** Showy summer flowers, never fail to give a real show. 2 to 3 feet high. For sunny borders. A fine selection of excellent varieties in red, pink, lavender and white. 75c, 12 for \$7.50.

**PRIMULA, Polyanthus Primroses.** Lovely spring blooming plants for shady places. Yellow and mixed colors only.

**SALVIA *Splendens*, Scarlet Sage.** 18 inches. The reddest of red flowers. Makes a splash of color over a long season. Sun.

**SAXIFRAGA *crassifolia*.** Round leathery leaves and broad round clusters of waxy pink flowers in winter and spring. 75c each.

**SCABIOSA *caucasica*.** Beautiful cut flower. Powdery blue; in bloom most of the year. Full or half sun. 2 feet. 75c each.

**SHASTA DAISY, Esther Reed.** Entirely double white blooms without any yellow at center. Long blooming season. Sun. 60c.

**Marconi.** Pure white, semi-double shaggy blooms on strong stems. Excellent cut flowers. Continuous bloomer. 60c.

**SWEET WILLIAM.** 12-15 inches, best in full sun or very light shade. Popular old favorites. Mixed colors only.

**THALICTRUM *diptercarpum*, Meadowrue.** 4 to 6 feet; handsome columbine-like foliage and large, loose airy sprays of rosy-lavender flowers. Sun or light shade. Gallon container 60c.

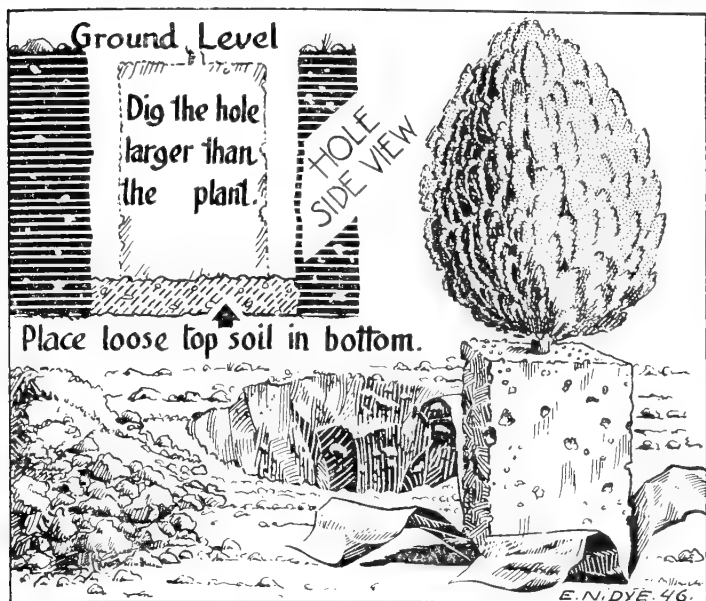
**TRITOMA hybrids, Red Hot Poker.** Grass-like leaves and flowers like a hot poker—opening yellow and turning a bright scarlet. Sun. Very attractive. 75c.

**VIOLET, Marie Louise.** Large double flowers that are a rich mauve in color with a slight touch of white in the center. \$2.50 doz., 25c each.

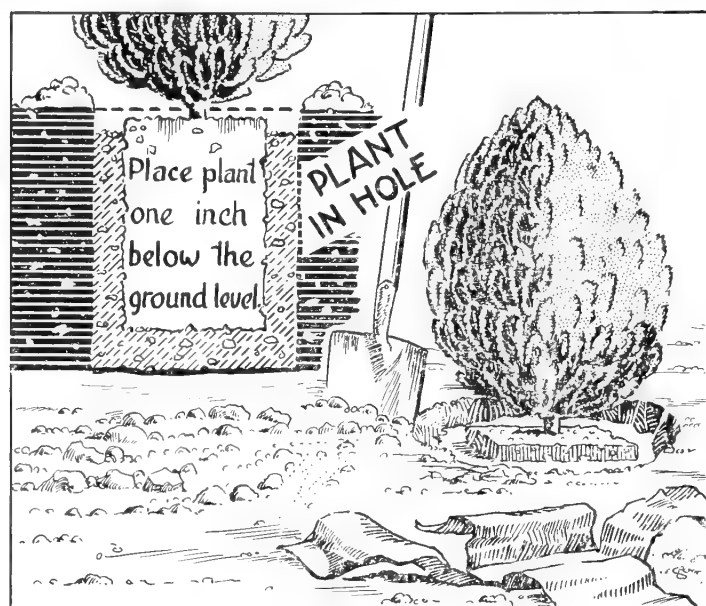
**Odorata.** The old-fashioned fragrant purple violet.

**WALLFLOWER.** Fragrant flowers for sun or shade. Yellow and maroon-red mixed.

# SUCCESSFUL GROWTH DEPENDS ON CAREFUL PLANTING



**Fig. 1.** The above picture shows how to prepare the hole to receive a shrub from a 1-gallon or 5-gallon container. The first step is to dig a spacious hole, large enough to accommodate the plant with plenty of space around it. The new roots must have loose soil to make a normal growth. Note that a cushion of loose topsoil has been placed in the bottom of the hole. Remove the container from the plant by slitting the sides of the container in three or four places with a pair of tinsnips.



**Fig. 2.** The above picture shows the plant properly placed in the hole. Note that the ball of earth surrounding the roots is set so that the top level is about one inch below ground level. After filling in the hole with loose topsoil, soak with a slow stream of water to make sure the soil is firmly settled around the plant. Fill in with more topsoil flush with the top of the ball and construct a basin around the plant with the remaining topsoil. **Do not use manure or fertilizer when planting.** It will burn the new roots sent out by the plant.

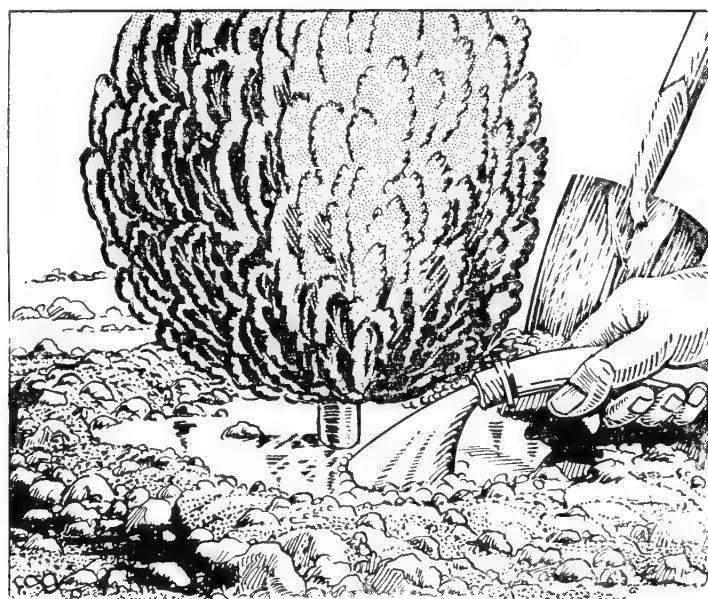
## SPECIAL INSTRUCTIONS FOR ACID-LOVING PLANTS

(Azaleas, Rhododendrons, Camellias, Daphne, etc.)

These varieties must have almost perfect drainage. Dig deep, wide, spacious holes, adding coarse gravel at the bottom in very moist, heavy adobe soils. Fill in with soil to bring plant crown exactly at ground level. Soil mixture should be two parts of peat moss or leaf mold to one part of garden loam. Soak with a slow stream of water. Mulch with peat moss and maintain soil moisture throughout the year.



**Fig. 3.** The above picture shows a balled and burlapped shrub placed in a spacious hole. Topsoil has been added to a point about half-way up the ball. The next step is to cut the top strings binding the burlap to the ball. Fold back the burlap as shown in the picture, then fill in with more topsoil to the top of the ball. Do not use manure or fertilizer in the soil filled in around the plant.



**Fig. 4.** The above picture shows a slow stream of water settling the filled-in soil around the ball. More top soil will need to be added to bring the soil even with ground level, but **do not** add so much soil as to bury the base of the trunk. This is very important particularly with the conifers and the acid-soil group (Camellias, Rhododendrons, Azaleas, Daphne, etc.). Construct a basin around the plant with the excess topsoil.

# HOW TO PROTECT YOUR GARDEN FROM

The principal garden pests and diseases are described below, together with a selection of materials to combat them. Remember, the old adage "An ounce of prevention is worth a pound of cure" is as true in the garden as anywhere. **Follow the directions of the manufacturer carefully. PRICES SUBJECT TO CHANGE.**

**ANTS.** Keep them out of your garden. They are accomplices in the damage caused by aphids, scale and mealy-bugs because they transport the young of these pests to choice feeding areas on your plants. Obviously, they do not provide this service without recompense—they feed on the excretions of the insects; your plants provide a welcome pasture. Products for ant control:

**Ant-B-Gon.** Set of 4 dispensers 60c; refill liquid—4 oz. bottle 25c, 16 oz. bottle 60c.

**Grant's Ant Stakes.** For ant runs near foundation. Package of 12, \$1.25.

**Ortho Ant and Roach Powder.** 4½-oz. box 25c.

**APHIS.** Sometimes called "plant lice", a well-deserved name. Aphids attack the succulent new growth of almost all shrubs and trees. The new growth on roses is particularly vulnerable. Aphids feed on the plant juices in the stems and leaves, often causing them to curl. One spray application in spring will not clean up the infestation; follow up at 7- to 10-day intervals until control is complete. For aphid control, use:

**Blackleaf "40".** Nicotine sulphate; should be mixed with an oil spray. 1 oz. bottle 36c, 5 oz. \$1.05, 1 lb. \$2.50, 2 lbs. \$3.90.

**Botano Dust.** Package serves as duster, holds 10 oz. 60c; refill package, 1 lb. 50c, 4 lbs. \$1.10.

**End-O-Pest.** Package serves as duster, holds 10 oz. 65c; refill cartridge, 10 oz. 50c; 2-lb. carton \$1.25.

**Extrax.** Liquid insecticide. 1 oz. bottle 35c, 4 oz. \$1.00, 16 oz. \$2.75.

**Orthol.** Liquid insecticide containing oil, nicotine and DDT. 4 oz. 50c.

**BEETLES.** Eat holes in stems, leaves and fruits. The best known beetle is the Diabrotica (green Lady Bird) with 12 spots on its back. Others of importance are the Elmleaf beetle and the Flea-beetle. Use these products for the control of beetles:

**Caltox.** Garden dust containing cryolite, copper and zinc. Package serves as duster, holds 10 oz. 49c, 2-lb. package 75c.

**End-O-Pest.** Listed under Aphids.

**Orthol.** Listed under Aphids.

**Pest-B-Gon.** Liquid insecticide containing 20% DDT. 4 oz. 65c, 16 oz. \$2.00.

**BLACKSPOT.** A major pest of rose foliage caused by a fungus. May be controlled by the materials suggested under Mildew.

**BLIGHTS.** The best known of these is Brown Rot of the apricot. Twigs wither and dry up, turning black; fruits become brown and rotten in spots. Peach Blight (Shot-hole) attacks peaches, almonds and apricots; foliage perforated or spotted, stems and fruits marked with red spots. Control:

**Bordo Mixture.** Prepared powder for dilution with water. 1-lb. package 50c, 4 lbs. 90c.

**Bordelo.** Liquid fungicide containing copper. 8-oz. bottle 35c, 16 oz. 60c, 1 qt. \$1.00.

**Flotox.** Finely powdered sulphur used as dust or diluted with water for spray. 26-oz. package 35c, 4-lb. package 60c.

**Greenol.** Liquid fungicide containing copper. 4 oz. 60c, 16 oz. \$1.50, ½ gal. \$5.00.

**BULBS.** For disinfection during storage, use naphthalene flakes. Do not sift flakes over bulbs. Place flakes in separate open paper bag in closed container containing bulbs for first two weeks of storage only. Also used when planting bulbs to discourage gophers.

**Naphthalene Flakes.** 1½-lb. box 25c, 5 lbs. 50c.

**CATERPILLARS (WORMS).** Eat the leaves, flowers and fruits of a great variety of plants; may sometimes cause complete defoliation. Controls for caterpillars:

**Botano Dust.** Listed under Aphids.

**Extrax.** Listed under Aphids.

**Lead Arsenate.** Stomach poison in powder form. Place in solution with Volck (see below) for effective coverage. 1 lb. 50c, 4 lbs. \$1.25.

**CODLING MOTH.** Eggs laid by this moth hatch into larvae attacking the fruits of pears and apples. Control is difficult but not impossible; result is clean, delicious fruit. Use a combination spray of the arsenical and oil listed below; begin spraying with flower petal drop and follow up each two weeks until mid-summer.

**Lead Arsenate.** Listed under Caterpillars.

**Volck.** Oil Spray for many sucking insects and useful spray carrier for other materials. 4-oz. bottle 25c, 16 oz. 50c, 1 gal. \$2.25, ½ gal. \$1.25.

**CONIFERS** are subject to attack by the Cypress and Juniper Tip Moth larvae, causing twigs to turn brown. Use this combination for control:

**Extrax.** (listed under Aphids) combined with

**Volck** (listed under Codling Moth).

**CUTWORMS.** Larvae of night-flying moths hide in soil at base of plants and chew on stem at ground level; sometimes go higher to eat buds and foliage. Controls:

**Appo Cutworm Bait.** Poisoned apple bait. 1-lb. package 35c.

**Bug-geta Pellets.** Compressed poisoned bait. 12-oz. package 35c, 2 lbs. 65c, 5 lbs. \$1.25, 25 lbs. \$4.40.

**DOGS.** Certain plants in your garden may become regular visiting points for dogs, to the detriment of the appearance of the plants. Control: **Scram.** Dog repellent. Shaker carton 49c.

**EARWIGS.** Dark chestnut-brown in color with a pair of forceps at the rear; become very active and should be controlled in early summer. If uncontrolled will finally invade the home. Voracious eaters of succulent foliage; feed at night. Use:

**Ortho Earwig Bait.** Specially prepared poison bait attractive to Earwigs. 2½-lb. bag. 75c.

**GARDEN SPRAY SET.** Contains one 4-oz. bottle each of Extrax insecticide, Greenol liquid fungicide and Volck oil spray. Use all three in one solution for control of many insects and diseases in the garden. Set \$1.85 each.



**LEAF CURL.** Makes miserable monstrosities of peach foliage in spring. For best control, spray in the dormant season and again in the spring just as the buds swell. Use these for leaf curl:

**Bordo Mixture.** Listed under Blights.

**Bordelo.** Listed under Blights.

**Greenol.** Listed under Blights.

**LEAFHOPPERS.** Sprightly little pale yellowish-green hoppers appear on foliage in summer. When spraying or dusting, don't overlook the undersides of leaves. Small areas on the leaf appear as if the chlorophyll had been scraped off. Controls:

**Botano Dust.** Listed under Aphids.

**End-O-Pest.** Listed under Aphids.

**Orthol.** Listed under Aphids.

**LEAF MINERS.** Larvae of beetles, moths and flies making grooves in the tissue on the undersides of leaves. When spraying, be sure to thoroughly wet the undersides of foliage and follow up at 7- to 10-day intervals until control is obtained. For leaf miners, use:

**Blackleaf "40".** Listed under Aphids.

**Orthol.** Listed under Aphids.

**Pest-B-Gon.** Listed under Beetles.

**LEAF SLUGS.** Appear in early summer on the foliage of cherries and pears. Slugs chew off the surface tissue of leaves. Control:

**Lead Arsenate.** Listed under Caterpillars, combined with

**Volck.** Listed under Codling Moth.

**MEALYBUGS.** Suck the plant juices of a great variety of perennials, shrubs and trees. White scale-like insects with a protective coating of white "meal"; usually appear with cottony masses concealing eggs. May be found working on the roots as well as the tops of plants. Must be hit with a driving spray to penetrate mealy coating. Controls:

**Kleenup.** Oil spray for use in dormant season and only on plants losing leaves in winter. 16-oz. bottle 49c.

**Orthol.** Listed under Aphids.

**Volck.** Listed under Codling Moth. Especially recommended for this pest on evergreen shrubs and trees.



# DAMAGE BY PLANT PESTS AND DISEASES

**MILDEW.** Roses are especially vulnerable. White powdery substance appears on stems, foliage and flower buds. Follow-up essential to complete control, particularly in foggy areas. Controls:

**Bordalo.** Listed under Blights.

**Botano Dust.** Listed under Aphis.

**Flotox.** Listed under Blights.

**Greenol.** Listed under Blights.

**Dupont Fermate.** Prepared fungicidal dust recommended by rosarians. 3-lb. bag. \$2.50. For preparation as a spray, should be used with

**Dupont Spreader-Sticker.** Insures efficient coverage. 16-oz. 95c.

**RED BERRY MITE:** Fruits of the blackberry do not mature properly, part of the fruit retaining red color. Controls:

**Kleenup.** For dormant season only, just before foliage appears. Listed under Mealybugs.

**Orthol.** For use when foliage present. Listed under Aphis.

**Extrax** (listed under Aphis) combined with

**Volck** (listed under Codling Moth).

**RED SPIDERS.** Minute insects, smaller than pinheads. Cause mottled graying or yellowing of the foliage, resulting in ultimate loss of the plant. Found on the undersides of leaves through the growing season. Red Spiders do not like moisture and frequent sprinkling of the foliage will discourage them. For complete control use:

**Dowspray 17.** Quick control in all stages. 1 lb. \$4.00 (makes 125 gals. of solution).

**D-N Dust No. 12.** Highly recommended. 10-lb bags \$5.00.

**Extrax** (listed under Aphis) combined with

**Volck** (listed under Codling Moth).

**Orthol.** Listed under Aphis.

**RODENTS** (Rats, Mice, Moles and Gophers). Use poison baits and traps. Recommended:

**Force's Gopher Killer.** 75 pellets 50c, 175 pellets \$1.00.

**Force's Mole Killer.** 2½-oz. box pellets 50c, 5-oz. box pellets \$1.00.

**Ortho Rodent Destroyer.** Poisoned grain bait for gophers, squirrels, rats and mice. 6-oz. box 35c, 1 lb. 60c.

**Ortho Rat Bait Pellets.** Red squill bait in handy pellets. 2-oz. box 35c, 6-oz. box 50c.

**Rodent Bombs.** Kills by poisonous fumes. Efficient when soil is moist, easy to use. 75c per dozen.

**Cyanogas.** Kills by cyanide fumes. 4-oz. tin 30c, 1-lb. tin 75c, 5-lb. tin \$3.00.

**Ampco Gopher Trap.** Self-setting and efficient. 75c.

**Superior Gopher and Mole Trap.** Dual-purpose trap, has no sharp prongs, kills by strangulation. 30c.

**ROSE SPRAY KIT.** Handy kit contains one 2-oz. bottle each of **Extrax** (listed under Aphis) and **Greenol** (listed under Blights). Combined in the same solution, makes an excellent spray for the control of most rose pests. \$1.00.

**ROSE WEEVILS.** Fuller's rose weevil and the rose snout beetle are small insects with long snouts used to penetrate stems and flower buds of roses, sucking out plant juices. Use:

**Caltax.** Listed under Beetles.

**Pest-B-Gone.** Listed under Beetles.

**RUST.** Appears as small pustules of various colors on the undersides of leaves, particularly those of roses. Suggested controls:

**Bordo** (listed under Blights) combined with

**Volck** (listed under Codling Moth).

**Dupont Fermate** (listed under Mildew) combined with

**Dupont Spreader-Sticker** (listed under Mildew).

**SCAB.** Scabby distortion of tissues in foliage of pears and apples. Controlled by spraying in dormant season. Recommended controls:

**Flotox.** Listed under Blights. Use in solution with water.

**SCALE.** A variety of oval, hard-shelled small insects living on practically all woody plants. Suck plant juices from stems and foliage. Residue left by scale insects turns black with smut fungus. Best controlled by frequent spraying in early summer and fall. Use:

**Orthol.** Listed under Aphis.

**Volck.** Listed under Codling Moth.

**Kleenup.** Listed under Mealybugs. Use only on deciduous plants after foliage drops in late fall.

**SLUGS AND SNAILS.** Eat great chunks out of the foliage of a wide variety of plants during the course of a night's foraging. Fortunately, they like our poison baits, too. Use:

**Bug-geta Pellets.** Listed under Cutworms.

**Snarol.** Poison bait in meal form. 1-lb. package 35c, 2½ lbs. 65c, 6 lbs. \$1.25.

**SOD WEBWORM (Lawn Moth).** If small yellowish-brown butterflies fly jerkily over your lawn at dusk, or webs in lawns sparkle with morning dew, you have it. Eggs hatch into larvae feeding on grass roots, causing irregular brown patches. For immediate relief, use the recommended liquids; for long-time control, give one application of the recommended arsenical. Use:

**Extrax.** Listed under Aphis.

**Lawn Moth Foil.** Specially prepared for lawn moth control. 1 pt. \$1.00, 1 qt. \$1.85, ½ gal. \$3.50, 1 gal. \$6.50.

**Lead Arsenate.** Listed under Caterpillars.

**SOWBUGS.** Feed on decayed vegetable matter, but vary their diet with small bedding plants and strawberries. Use:

**Ortho Sow Bug Killer.** Specially prepared poison bait for sow bug. 1-lb. carton 50c.

**THRIPS.** Prevalent on the foliage, flower-buds and leaf-buds of most shrubs and trees. Damage appears as streaking and mottling of surface tissues. Control requires follow-up and careful spraying of undersides of foliage during the growing season. Recommended:

**Botano Garden Dust.** Listed under Aphis.

**End-O-Pest.** Listed under Aphis.

**Orthol.** Listed under Aphis.

**Pest-B-Gon.** Listed under Beetles.

**Dowspray 17 and D-N Dust No. 10.** Listed under Red Spider.

**WEEDS.** The new weed killers are very efficient, and best results are obtained by using a tank sprayer. Advisable to set aside your old equipment for this purpose as it is impossible to clean out well enough to insure no damage to foliage of plants when next used for insect spray. Weeds most vulnerable when in full growth and air is humid. Recommended:

**Ammate.** Best for poison oak. Non-selective killer in powder form; dilute with water. 2-lb. jar 75c, 10 lbs. \$2.00.

**Dow Contact Herbicide.** Kills tops of weeds without sterilizing soil. Non-selective. 1 gal. \$3.60 (makes 35 gals. solution).

**2-4 Dow Weed Killer.** Selective; kills broadleaved weeds without injury to grasses. ½ gal. to 100 gals. water. 1 gal. \$7.50, 1 qt. \$3.25, 1 pt. \$1.75, ½ pt. \$1.25.

**Weed-B-Gone.** Selective hormone spray. 4 oz. 49c, 1 pt. \$1.50, ½ gal. \$4.00.

**Triox.** Kills weeds and sterilizes soil. Non-selective. ½ gal. \$1.50, 1 gal. on \$2.40.

**WEEVILS.** Best known of these are the Black Vine Weevil and the Common Strawberry Weevil. The adult of the first-named is partial to plants having foliage of good substance (camellias, privet) and the larvae attack the roots of fibrous-rooted plants (azaleas, camellias, rhododendrons). Injury pattern on the leaves in the form of neat scallops on the margins. Recommended bait should be applied March to June: **Appo Cutworm Bait.** Listed under Cutworms.

**WIREWORMS, NEMATODES and the GARDEN CENTIPEDE.** Prepare the soil before planting to rid the soil of these pests.

**Garden Dowfume.** 1 gal. \$3.50. Treats 400 ft. of 6" furrow.

**Ortho Soil Fumigant.** 4-oz. bottle 35c, 1 pt. \$1.00.

**D-D Soil Fumigant.** 1 gal. \$5.85, 1 qt. \$1.75, 1 pt. \$1.00. Apply at rate of 1 gal. per 1500 sq. ft.

**WHITE FLIES.** Tiny white-winged flies appear in masses when foliage is brushed. Larvae suck and feed on plant juices. Control:

**Orthol.** Listed under Aphis.

**Pest-B-Gon.** Listed under Beetles.

**WOUNDS.** Pruning wounds should be treated to prevent damage by decay and disease. Use: **Contax Pruning Paint.** 1 pt. 35c.

## DILUTION CHART

	Dilution Rate	Insecticide Concentrate to 1 gallon Water
3 Teaspoons=1 Tablespoon	1 to 25	1/3 Pints
2 Tablespoons=1 Fluid Oz.	1 to 50	6 Tablespoons
16 Fluid Ounces=1 Pint.	1 to 100	3 Tablespoons
2 Pints (32 oz.)=1 Quart	1 to 200	1½ Tablespoons
4 Qts. (128 oz.)=1 Gallon	1 to 400	2 Teaspoons
	1 to 800	1 Teaspoon

# PLANT FOODS AND SOIL CONDITIONERS

## BALANCED FERTILIZERS

**Acid Plant Food.** Specially prepared for Camellias, Azaleas, Rhododendrons and other acid-loving plants.

3 lbs. 40c	25 lbs. \$1.80
10 lbs. 85c	100 lbs. \$5.00

**Gaviota.** An all-around balanced fertilizer for the garden. 4 lbs. per 100 sq. ft.

10 lbs. \$.80	50 lbs. \$2.75
25 lbs. \$1.65	100 lbs. \$4.50

## VIGORO

COMPLETE PLANT FOOD

An all-purpose fertilizer for lawns, bedding plants, shrubs and trees. Use 4 lbs. for each 100 sq. ft.

5 lbs. 45c	25 lbs. \$1.50
10 lbs. 85c	50 lbs. \$2.50
	100 lbs. \$4.00

**Milorganite.** An organic fertilizer especially for lawns. Use 4 lbs. per 100 sq. ft.  
25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.00

## SIMPLE FERTILIZERS

**Aluminum sulphate.** For developing acid content of other fertilizing materials.

2 1/2 lbs. \$.35	25 lbs. \$2.00
10 lbs. \$1.00	50 lbs. \$3.50

**Ammonium phosphate.** For quick action to tone up the foliage.

5 lbs. 65c; 10 lbs. \$1.00; 25 lbs. \$2.00

**Blood Meal.** Concentrated, quick acting. Use 1 lb. for each 60 sq. ft.

4 lbs. 65c; 8 lbs. \$1.25

**Bone Meal.** Especially good for bulbs, and good all-around fertilizer.

4 lbs. 60c; 8 lbs. \$1.00

**Sulphate of Ammonia.** Quick-acting plant and lawn stimulant. Use at the rate of 1 lb. to 250 sq. ft.

2 1/2 lbs. 35c	10 lbs. \$1.00
5 lbs. 60c	25 lbs. \$2.00

**Sulphate of Potash.** Improves color of flowers and strength of stems.

5 lbs. 60c; 10 lbs. \$1.00

**Superphosphate.** Hastens maturity of flowers and fruits.

5 lbs. 45c; 10 lbs. 75c

## LIQUID FERTILIZERS

These are most practically and efficiently applied by making up a concentrated solution in a bucket, attaching HOZON proportioner to faucet and applying through garden hose and sprinkler. HOZON proportioner with complete instructions, \$1.75.



**Plant-Chem.** Safe, odorless, scientifically-balanced plant food with complete nutritional requirements for plants plus plant hormones. Size listed makes amount of solution specified: 16 gals. 25c, 37 1/2 gals. 50c, 100 gals. \$1.00, 400 gals. \$2.00, 1200 gals. \$5.00.

**Acid Plant-Chem** in same sizes and prices except 50c pkg. Makes an excellent fertilizer for acid-loving plants.

**Lawn Chem.** Specially developed for new and old lawns. Safe and easy to use: 100-gal. size 50c, 400-gal. size \$1.50, 1200-gal. size \$4.00.

**Likwid-Grow.** An organic liquid fertilizer with a 10-5-5 formula. Safe and easy to use: 1/2 pt. 25c, 1 pt. 45c, 1 qt. 75c, 1 gal. \$1.75.

## SOIL CONDITIONERS

**Agricultural Lime.** An organic powdered shell flour for lightening and sweetening soils. Apply 100 lbs. to 500 sq. ft. 100-lb. bag. \$1.50.

**Greenall Humus Builder.** Blend of manure and vegetable filler, finely ground. Excellent for mulching. Apply 2 1/2 cu. ft. bag to 250 sq. ft. Each, \$1.50.

**Guanite.** Controlled blend of poultry manure and domestic peat moss, finely ground. Provides organic fertilizer and soil mulch in one operation with lasting effect. 50-lb. bag \$1.95.

**Groz-it.** Finely pulverized sheep manure practically free from weed seeds. 50-lb. bag \$1.35, 100-lb. bag \$2.50.

**Gypsum.** Improves texture of heavy adobe soils. Apply 100 lbs. to 500 sq. ft. 100-lb. bag \$1.50.

**Hydrated Lime.** To lighten and sweeten heavy soils. Apply 20 lbs. to 100 sq. ft. 50-lb. bag \$1.50.

**Leaf Mold.** An important source of plant food and an excellent soil conditioner for acid-loving plants. Sack, \$1.50.

**Manure.** Well-rotted cow manure for plant food and soil conditioning. Sack 70c; 80c delivered.

**Miller's Compost-Maker.** Converts organic wastes (leaves, grass clippings) to valuable garden humus. 5 lbs. \$1.00.

**Peat Moss.** Conserves moisture and improves soil texture. Canadian horticultural grade: Bales, each \$5.00 and \$6.00. Domestic peat in bags, \$1.50 each.

**Sand.** Clean sand for propagation and soil mixtures. 100-lb bag 70c; 80c delivered.

**Soil.** Good grade of garden loam. Sack, 75c. Price by the yard quoted on request.

**Potting Soil.** For seed flats and pot plants. Sack, \$1.50.

## PROPAGATION AIDS

**Quick Root No. 1.** Increases "take" of cuttings from easy-to-root plants. 1/4 lb. \$1.00.

**Quick Root No. 2.** Increases "take" of cuttings from difficult-to-root plants. 1/4 lb. \$1.75.

**Hormodin.** Powder prepared for rooting cuttings. Pkt. 25c, 1 3/4 oz. \$1.00.

**Rootone.** Root-forming stimulant for cuttings, seeds and bulbs. 1/4 oz. 25c, 2 oz. \$1.00.

**Transplantone.** Reduces losses in transplanting. 1/2 oz. 25c, 3 oz. \$1.00.

**Fruitone.** Delays harvest drop of certain fruits; keeps foliage and berries longer on plants. 2/5 oz. 25c, 2 oz. \$1.00.

**Grafting Wax.** Best grade; 4 oz. 35c, 1/2 lb. 45c, 1 lb. 60c.

**Semesan.** Mercuric disinfectant for seeds, bulbs, etc.; for prevention of attack by fungi. Pkt. 12c, 2 oz. 45c, 12 oz. \$2.10.

**Dowax.** Coats needles and leaves of evergreens to prevent excess moisture loss when transplanting. 1 gal. \$3.25.

## LOWELL SPRAYERS and DUSTERS

### GALVANIZED COMPRESSED AIR SPRAYERS:



Pennant

**Pennant.** Holds up to 4 gallons of spray solution. Superior construction, best safety features. \$12.00

**Junior.** Holds 2 1/2 gallons. Handy for the small garden. Sturdy, safe. \$9.60

**Reliable.** Holds up to 3 3/4 gallons. Economical, efficient. \$8.00

**Spray More.** Knapsack type, holds 4 gallons spray solution, delivers continuous high pressure spray. \$28.50.

**Radiant.** Wheelbarrow type designed for larger gardens. Tank holds 12 1/2 gallons, pump delivers 150 lbs. pressure. \$21.50.

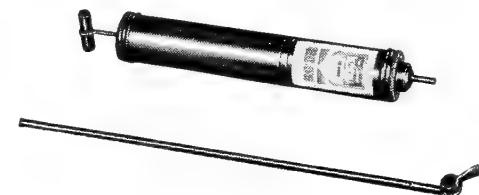
### HAND SPRAYERS:

**Challenger.** Sturdily constructed sprayer holds 3 quarts; continuous action. \$1.85.

**Senator.** Efficient continuous action sprayer; 1 qt. capacity. 95c.

**Nu Day.** Small 1-pt. sprayer for household and occasional garden use. 55c.

### DUSTERS:



Roto-Blast Duster

**Roto-Blast.** A vast improvement over the conventional type of garden duster. Long reach, effortless pumping, efficient discharge from any position; swivel nozzle adjusts to any position. \$1.75.

**Whirl.** An economical and efficient duster; 24-oz. glass jar container, 2 12-inch extensions and reversible deflecting elbow. \$1.45.

**Our garden store carries a complete selection of garden tools for every purpose.**

# Use High-Quality Seeds for BEAUTIFUL LAWNS

**Our Special Mixture.** THE BEST ALL-PURPOSE LAWN GRASS SEED. Specially prepared by us from the highest quality seeds that can be produced. The very finest varieties are used to make a smooth, green, velvety lawn free from common grasses which are inclined to produce clumps. It is all plump, heavy seed free from chaff or weed seeds. Sow one pound for a plot 10 by 15 (150 square feet). Price, lb. \$1.75, 10 lbs. or more \$1.65 per lb.

**Gro-Green Mixture.** A blend of hardy, fine-bladed grasses to which is added a small amount of White Clover. It provides an excellent turf which will withstand hard usage. Sow 1 pound to 100 square feet. 1 lb. \$1.00, 5 lbs. \$4.50, 10 lbs. or more 85c per lb.

**Shady Lawn Mixture.** A blend of fine-bladed grasses made especially for growing in shaded spots and under trees. Sow 1 pound to 150 square feet. 1 lb. \$1.50, 5 lbs. \$7.00, 10 lbs. or more \$1.35 per lb.

**Astoria Bent.** The growth is upright, of fine texture and is a rich green. Spreads underground; will grow in heavy soil. Sow 1 pound to 300 square feet. 1 lb. \$2.50, 5 lbs. \$12.00.

**Highland Bent.** A hardy bent grass that spreads underground through strong root stalks. It is fine-leaved, stands upright with a beautiful rich green color. Withstands dry summer heat and makes a serviceable lawn. Sow 1 pound to 300 square feet. 1 lb. \$2.50, 5 lbs. \$12.00.

**Seaside Creeping Bent.** The plant is dwarf and it multiplies rapidly by sending out runners in all directions; from these, new plants are produced, and these in turn grow more runners. Not suited for shade. Sow 1 lb. to 300 sq. ft. 1 lb. \$2.50, 5 lbs. \$12.00.

**Creeping Red Fescue.** A hardy, fine, round-bladed grass that spreads by underground root-stalks or rhizomes. Slightly reddish at the base. Does well in shade and poor sandy soils. Sow 1 pound to 150 square feet. 1 lb. \$1.75, 10 lbs. or more \$1.65 per lb.

**Chewings Fescue.** Used extensively on putting greens, fairways and tees on golf courses, and does well on any kind of soil. It also produces a stiff, upright plant. Sow 1 pound to 100 square feet. 1 lb. \$1.75, 10 lbs. or more \$1.65 per lb.

**Kentucky Blue Grass.** Makes an excellent lawn of a dark green color. It forms a fine mat, with care and water makes one of the best lawns. Sow 1 pound to 150 square feet. Select grade. 1 lb. \$2.25, 10 lbs. or more \$2.15 per lb.

**Perennial Rye Grass.** A rapid growing grass where quick results are required. It is coarser than Kentucky Blue Grass and thrives in poor soil. It is used as a "nurse" crop in mixtures to keep the lawn green while the better, slow-growing varieties are becoming established. Sow 1 pound to 100 square feet. 1 lb. 45c, 10 lbs. or more 40c per lb.

**Red Top.** A fine-bladed grass that succeeds on almost any soil, although it does best under moist conditions. It is used in almost all lawn mixtures. Should not be planted by itself unless specifically recommended. Sow 1 pound to 200 square feet. 1 lb. 50c, 10 lbs. \$4.50.

**White Dutch Clover.** Very low growing sort, principally used in poor ground to give a green cover. Many like it in lawns, especially where grass does not do well. Sow 1 pound to 300 square feet. 1 lb. \$2.00, 10 lbs. or more \$1.90 per lb.

Please ask for prices on 50 or more pounds.



The Associated Seed Growers have prepared two excellent booklets, "Lovely Lawns in Sun or Shade" and "Turf and Lawn Problems". These useful publications are offered free of charge to our customers and will be supplied on request.

## GROUND COVERS LAWN SUBSTITUTES

**Evergreen Strawberry**  
\$5.00 per flat

**Hahn's Ivy**  
(see page 15)

**Dichondra** \$2.50 per flat

### STEEP HILLSIDES

**Honeysuckle**  
(see page 15)

**Hypericum calycinum**  
(see page 15)

# BOOKS FOR YOUR Garden Library

## HOW-TO-DO-IT BOOKS

**Sunset's Visual Garden Manual.** All important garden operations illustrated step by step with carefully executed line drawings. \$1.00.

**Sunset's Complete Garden Book.** Master work for Pacific Coast gardeners. An almost limitless fund of information on all of the important annuals, perennials, trees and shrubs in our climate. \$1.50.

**Sunset's Vegetable Garden Book.** A guide to vegetable gardening success—Western varieties and Western methods. \$1.00.

**Sunset's Flower Arrangement Book.** A simplified, imaginative approach to flower arrangement; practical suggestions for the amateur. \$1.00.

**All About House Plants** (Montague Free). New and complete; covers all you want to know about propagation, culture and pests of house plants. \$3.50.

**Gardening in the South and West** (Scruggs). A new, just-published gold mine of information for gardeners from the Rockies to the Pacific, Mexican Border and the Gulf. Profusely illustrated for culture and identification of the principal plants in the area. \$3.00.

**How to Prune Western Shrubs** (Martin). Copiously illustrated and carefully written instructions for pruning all important deciduous and evergreen Western shrubs. \$1.00.

**How to Prune Fruit Trees** (Martin). Detailed sketches and complete non-technical instructions for pruning Western fruit trees. \$1.00.

## GARDEN DICTIONARIES

**Hortus Second** (Bailey). An indispensable one-volume reference for the serious gardener. \$5.00.

**Cyclopedia of Horticulture** (Bailey). An all-inclusive work in three volumes, newly revised and up to date. \$25.00.

**Pronouncing Dictionary of Plant Names.** Contains 3000 plant names, with correct pronunciation and definitions. 25c.

## HOME LANDSCAPING

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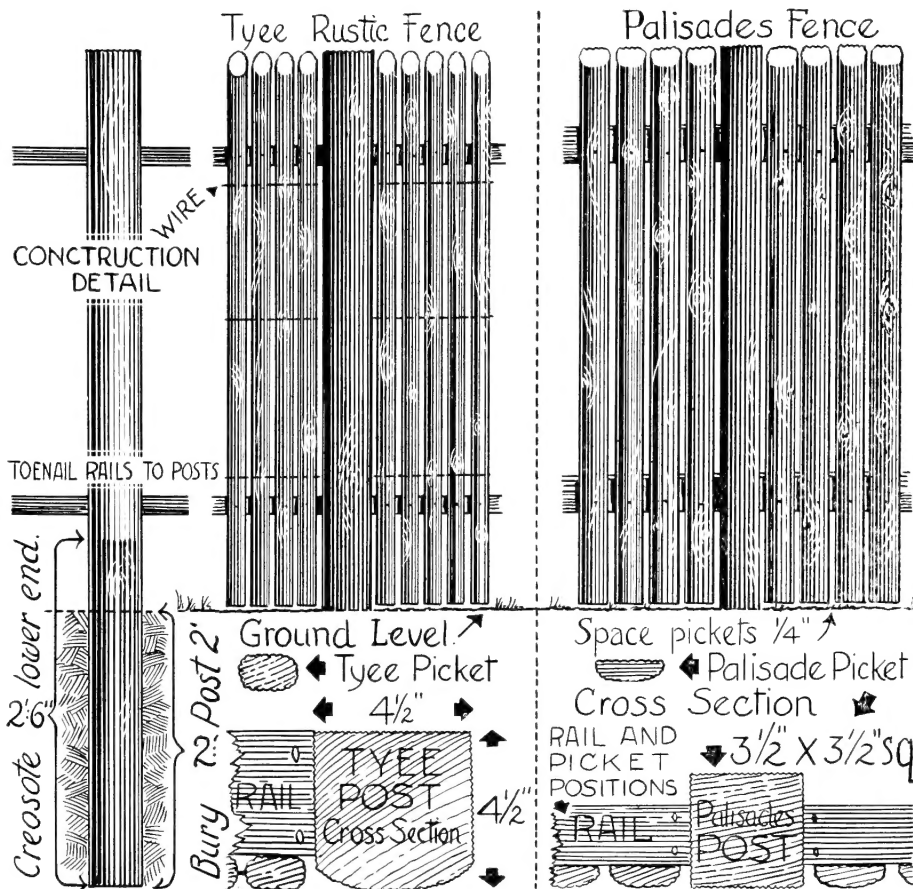
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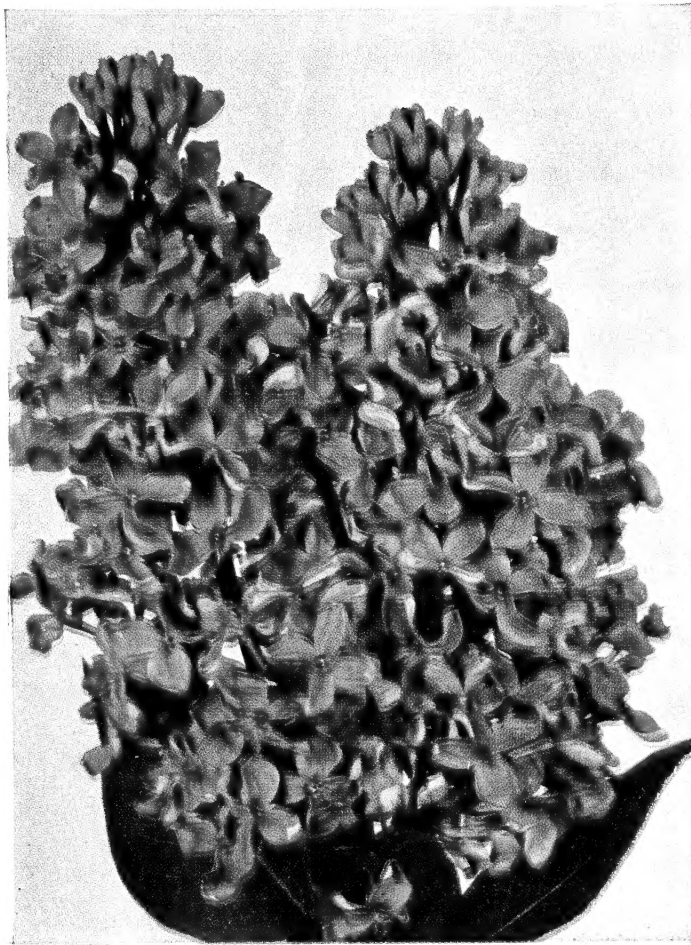
## ROSES AND FRUIT TREES

Our 1947 Rose & Fruit Tree Book was issued in December. If you did not receive a copy, be sure to ask for one because it contains a complete listing of the new and standards varieties of roses, fruit trees, berries, grapevines and bulbs for spring planting. Many of these are now in stock in containers for late planting.

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